

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131703.D
 Acq On : 19 Dec 2022 22:47
 Operator : CG\JU
 Sample : N6038-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-36-(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	13	rVB	352400	414695	25.78%	1.729%
2	5.081	504	509	515	rVB	234174	279334	17.37%	1.165%
3	5.487	573	578	581	rBV	1826522	1584634	98.51%	6.608%
4	6.504	746	751	754	rBV	1687098	1560570	97.02%	6.508%
5	6.875	810	814	817	rBV	540403	429618	26.71%	1.792%
6	7.440	905	910	913	rBV	1139628	1007235	62.62%	4.200%
7	8.163	1029	1033	1036	rBV	633475	507456	31.55%	2.116%
8	8.869	1147	1153	1161	rBV	253892	300107	18.66%	1.251%
9	9.245	1212	1217	1220	rBV	1833409	1608561	100.00%	6.708%
10	9.316	1227	1229	1238	rVB3	27121	30895	1.92%	0.129%
11	9.786	1305	1309	1312	rBV	53281	41960	2.61%	0.175%
12	9.922	1329	1332	1336	rVB	571193	474162	29.48%	1.977%
13	10.028	1347	1350	1356	rBV	23721	24676	1.53%	0.103%
14	10.128	1362	1367	1371	rBV2	23283	21662	1.35%	0.090%
15	10.475	1422	1426	1431	rVB2	20584	20648	1.28%	0.086%
16	10.639	1447	1454	1457	rBV3	73074	75097	4.67%	0.313%
17	10.716	1463	1467	1471	rBV	1032881	835012	51.91%	3.482%
18	11.075	1525	1528	1536	rVB7	13040	26251	1.63%	0.109%
19	11.139	1536	1539	1542	rBV	86118	80862	5.03%	0.337%
20	11.222	1550	1553	1556	rBV	30332	24329	1.51%	0.101%
21	11.275	1556	1562	1565	rVV4	21953	30689	1.91%	0.128%
22	11.316	1566	1569	1574	rVB	20664	22203	1.38%	0.093%
23	11.416	1583	1586	1588	rBV	505067	429328	26.69%	1.790%
24	11.439	1588	1590	1594	rVV	381263	326743	20.31%	1.363%
25	11.492	1596	1599	1602	rVV	75391	58270	3.62%	0.243%
26	11.522	1602	1604	1608	rVB2	26610	23215	1.44%	0.097%
27	11.651	1620	1626	1633	rBV	65071	86693	5.39%	0.362%
28	11.710	1633	1636	1640	rVB4	12854	20117	1.25%	0.084%
29	11.922	1667	1672	1674	rBV	61627	60142	3.74%	0.251%
30	11.945	1674	1676	1681	rVV2	181267	165847	10.31%	0.692%
31	11.998	1682	1685	1687	rVB	33541	27282	1.70%	0.114%
32	12.033	1687	1691	1693	rBV	87632	91971	5.72%	0.384%
33	12.057	1693	1695	1698	rVB	47612	35964	2.24%	0.150%
34	12.086	1698	1700	1702	rBV	22401	21531	1.34%	0.090%
35	12.198	1715	1719	1721	rBV	114914	111076	6.91%	0.463%
36	12.216	1721	1722	1725	rVV	48749	43140	2.68%	0.180%

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Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.245	1725	1727	1730	rVB	68043	55523	3.45%	0.232%
38	12.475	1763	1766	1769	rBV2	54706	68747	4.27%	0.287%
39	12.510	1769	1772	1774	rVV2	35752	45157	2.81%	0.188%
40	12.563	1778	1781	1785	rVB	58394	64903	4.03%	0.271%

41	12.639	1790	1794	1797	rBV	1003506	832292	51.74%	3.471%
42	12.733	1807	1810	1812	rVB	44135	35261	2.19%	0.147%
43	12.769	1812	1816	1818	rBV	26756	32042	1.99%	0.134%
44	12.792	1818	1820	1822	rVB	23841	20149	1.25%	0.084%
45	12.869	1827	1833	1838	rVB	860369	862982	53.65%	3.599%

46	12.916	1838	1841	1845	rVB2	55602	60010	3.73%	0.250%
47	13.010	1849	1857	1864	rVB	1412958	1275364	79.29%	5.318%
48	13.080	1864	1869	1874	rBV3	74293	134896	8.39%	0.563%
49	13.169	1881	1884	1886	rBV2	65296	75380	4.69%	0.314%
50	13.198	1886	1889	1892	rVB	141991	137000	8.52%	0.571%

51	13.239	1892	1896	1897	rBV4	26066	28379	1.76%	0.118%
52	13.263	1897	1900	1903	rVV	98657	83715	5.20%	0.349%
53	13.298	1903	1906	1909	rVV2	109195	120925	7.52%	0.504%
54	13.327	1909	1911	1914	rVB	34873	28806	1.79%	0.120%
55	13.357	1914	1916	1919	rBV2	28823	26961	1.68%	0.112%

56	13.392	1919	1922	1925	rVB	63614	56218	3.49%	0.234%
57	13.421	1925	1927	1931	rBV2	57490	61286	3.81%	0.256%
58	13.580	1950	1954	1956	rBV4	30878	44568	2.77%	0.186%
59	13.680	1968	1971	1972	rBV2	23184	22686	1.41%	0.095%
60	13.704	1972	1975	1979	rVB	125128	131585	8.18%	0.549%

61	13.821	1990	1995	1997	rBV2	124579	153066	9.52%	0.638%
62	13.851	1997	2000	2002	rVV	92096	97169	6.04%	0.405%
63	13.874	2002	2004	2005	rVV	70387	69403	4.31%	0.289%
64	13.916	2008	2011	2020	rVV2	230119	303187	18.85%	1.264%
65	13.986	2021	2023	2029	rVB2	34788	48253	3.00%	0.201%

66	14.069	2030	2037	2040	rBV2	847201	1298409	80.72%	5.414%
67	14.098	2040	2042	2048	rVB	670494	589943	36.68%	2.460%
68	14.180	2053	2056	2058	rVV	76549	72603	4.51%	0.303%
69	14.216	2060	2062	2067	rVV3	61101	109512	6.81%	0.457%
70	14.263	2068	2070	2072	rVV	59317	57430	3.57%	0.239%

71	14.286	2072	2074	2075	rVV	54104	45645	2.84%	0.190%
72	14.304	2075	2077	2079	rVV	72630	65952	4.10%	0.275%
73	14.327	2079	2081	2084	rVV3	40291	39796	2.47%	0.166%
74	14.357	2084	2086	2089	rVB3	27509	23437	1.46%	0.098%
75	14.421	2095	2097	2099	rBV2	31098	26789	1.67%	0.112%

76	14.457	2099	2103	2106	rVV	132039	141907	8.82%	0.592%
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77	14.492	2107	2109	2113	rVB2	78569	79253	4.93%	0.330%
78	14.533	2113	2116	2118	rBV2	80655	92133	5.73%	0.384%
79	14.557	2118	2120	2123	rVV4	106243	137949	8.58%	0.575%
80	14.610	2127	2129	2132	rVB3	56464	47008	2.92%	0.196%
81	14.774	2154	2157	2160	rBV2	50051	58822	3.66%	0.245%
82	14.857	2168	2171	2173	rBV3	38588	37764	2.35%	0.157%
83	14.933	2180	2184	2186	rBV	98417	108617	6.75%	0.453%
84	15.004	2193	2196	2199	rVB	141718	133557	8.30%	0.557%
85	15.133	2213	2218	2221	rBV	614136	924313	57.46%	3.854%
86	15.163	2221	2223	2226	rVV	319739	286259	17.80%	1.194%
87	15.204	2226	2230	2233	rVV3	149583	182210	11.33%	0.760%
88	15.245	2233	2237	2249	rVV2	193599	361719	22.49%	1.508%
89	15.445	2267	2271	2277	rVB	320895	443753	27.59%	1.850%
90	15.510	2278	2282	2288	rVB	454955	575583	35.78%	2.400%
91	15.574	2289	2293	2296	rBV	337281	449373	27.94%	1.874%
92	15.610	2296	2299	2306	rVB2	137894	205172	12.76%	0.856%
93	15.810	2329	2333	2339	rVB2	163969	235390	14.63%	0.982%
94	16.051	2371	2374	2381	rVB3	70034	110590	6.88%	0.461%
95	16.292	2412	2415	2427	rVB7	53480	123933	7.70%	0.517%
96	16.745	2488	2492	2503	rVB7	54932	129410	8.05%	0.540%
97	16.886	2510	2516	2522	rBV4	87752	213386	13.27%	0.890%
98	17.092	2545	2551	2560	rVB2	175314	359115	22.33%	1.498%
99	17.280	2578	2583	2587	rBV2	39835	80491	5.00%	0.336%
100	17.551	2622	2629	2636	rBV	123700	255654	15.89%	1.066%

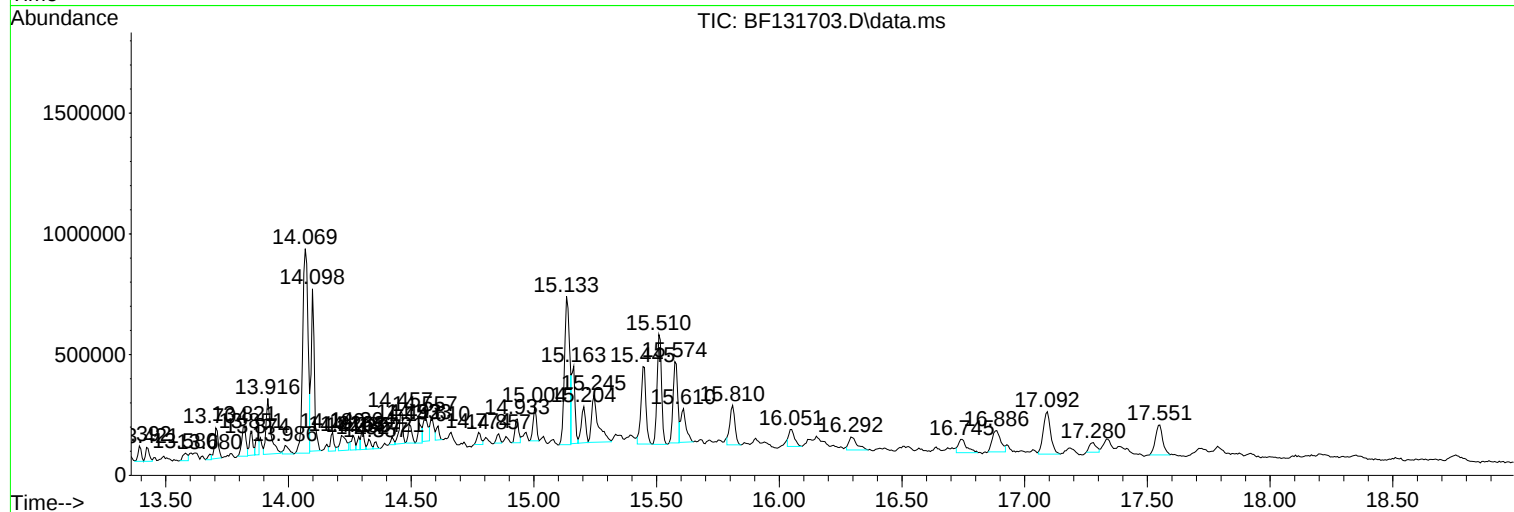
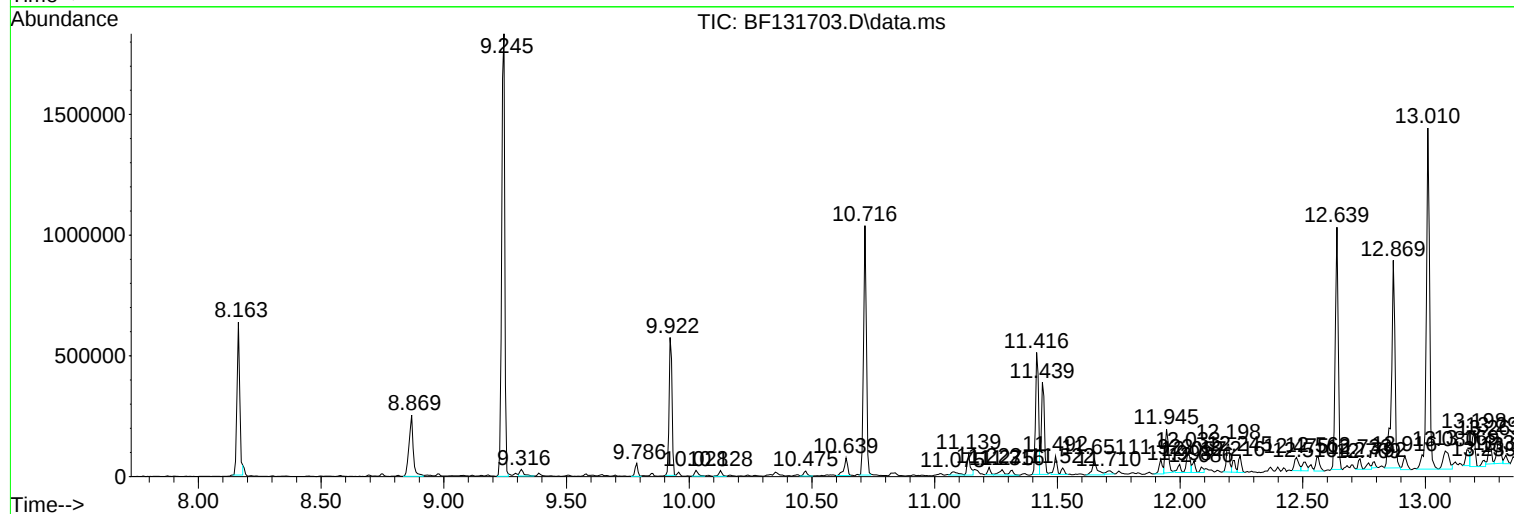
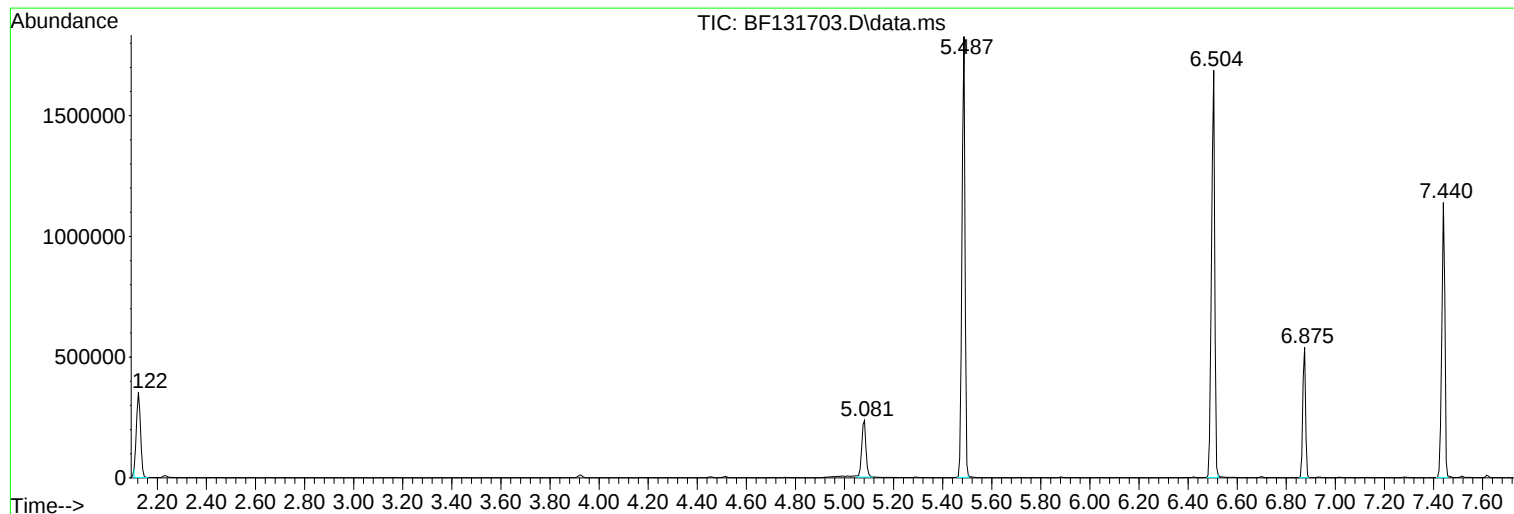
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Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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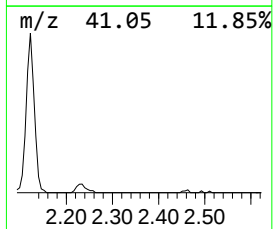
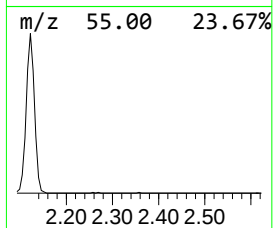
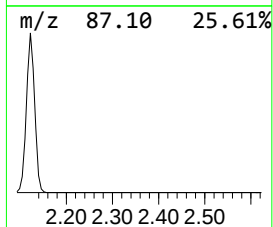
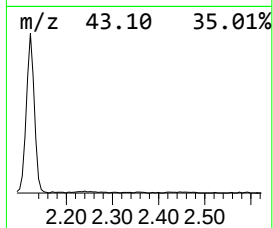
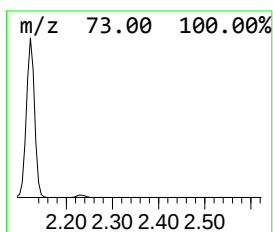
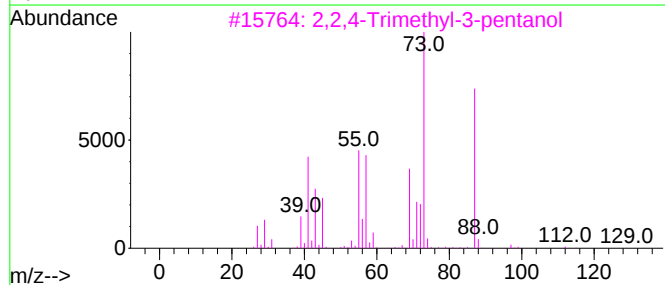
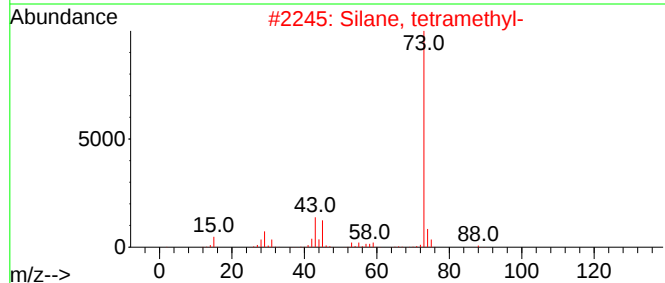
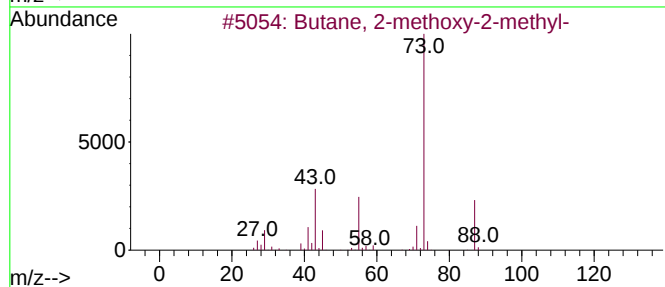
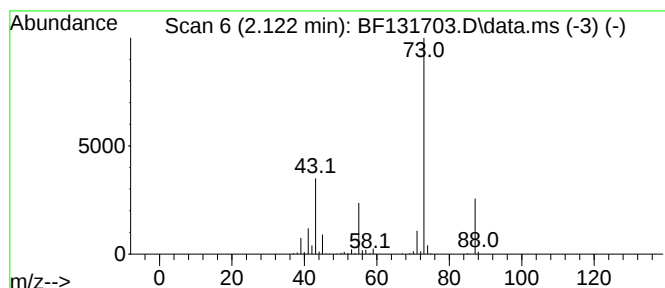
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	19.31 ng	414695	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Borane, dimethoxy-	74	C2H7B02	004542-61-4	9



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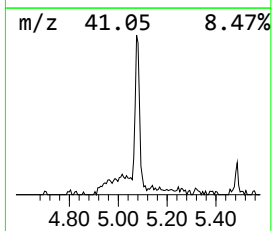
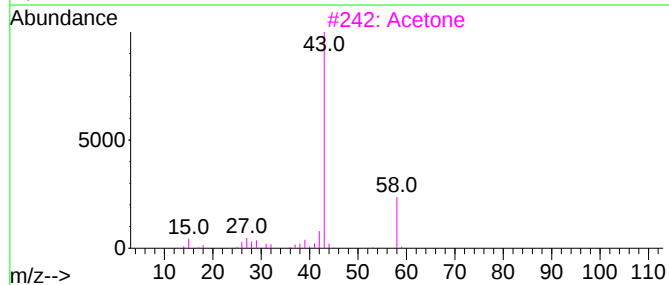
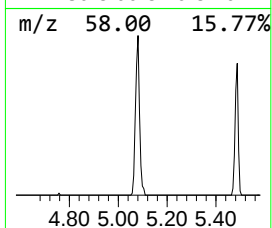
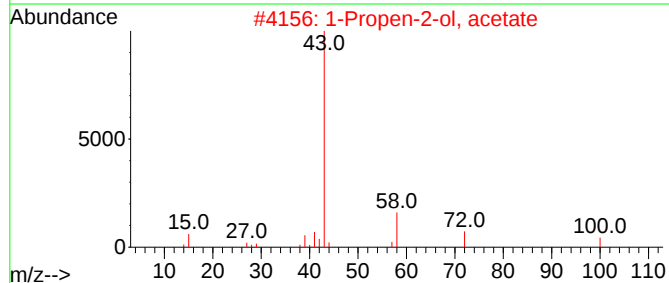
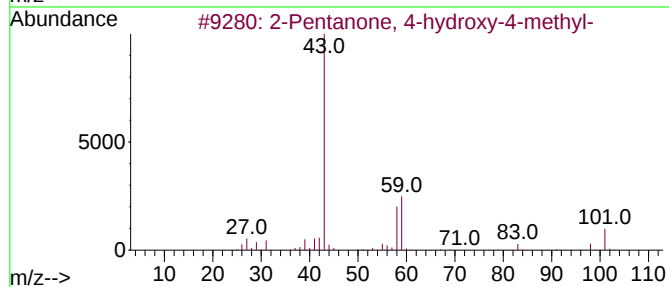
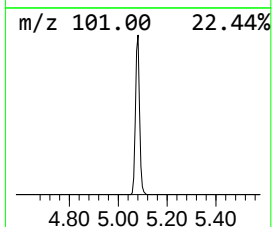
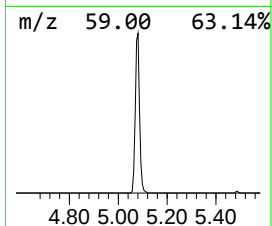
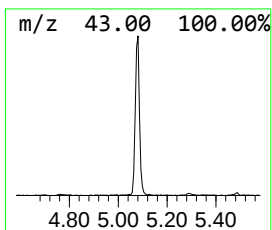
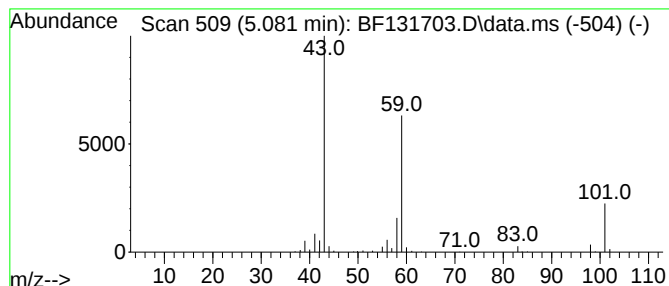
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	13.00 ng	279334	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3			Acetone	58	C3H6O	000067-64-1	10
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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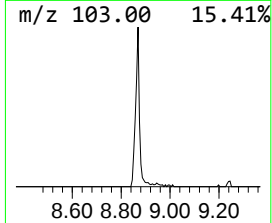
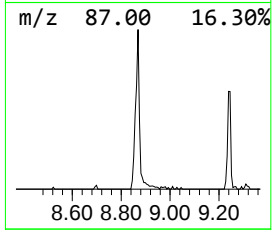
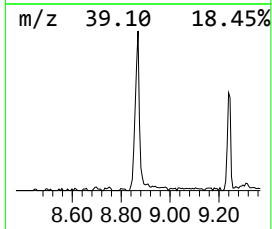
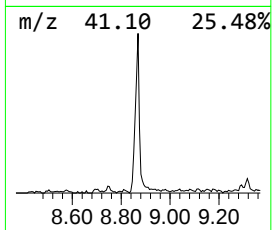
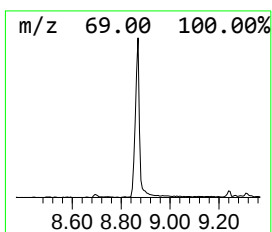
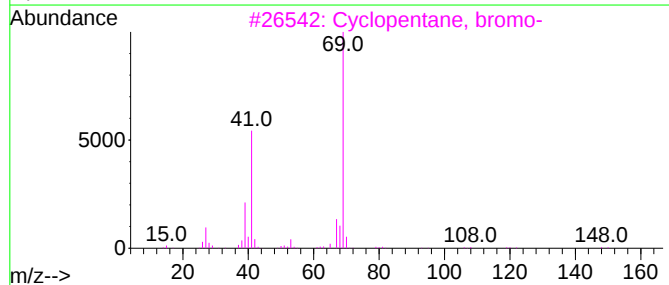
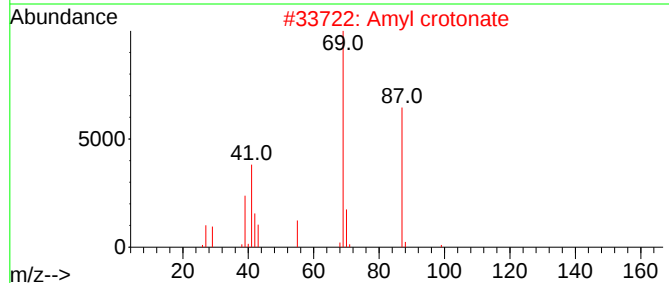
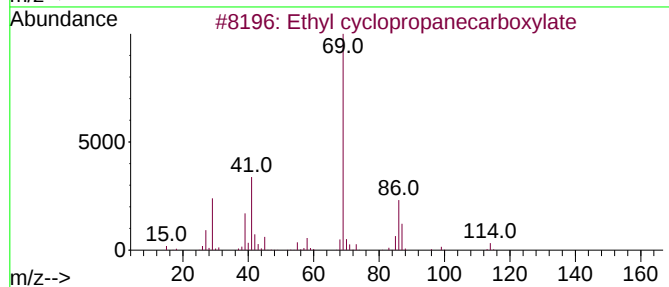
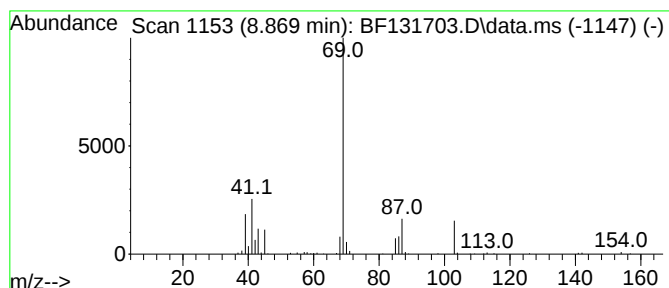
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.869 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.869	11.83 ng	300107	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl	cyclopropanecarboxylate	114	C6H10O2	004606-07-9	40	
2	Amyl	crotonate	156	C9H16O2	1000429-17-2	9	
3	Cyclopentane,	bromo-	148	C5H9Br	000137-43-9	9	
4	1,2-Hexanediol		118	C6H14O2	006920-22-5	9	
5	Cyclopropanecarboxylic acid,	buty...	142	C8H14O2	054947-39-6	9	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-36-(0-2)

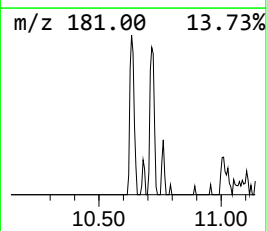
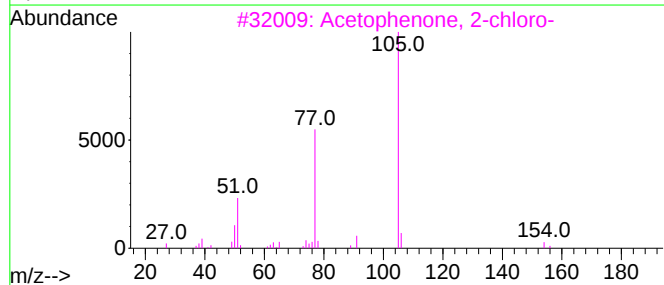
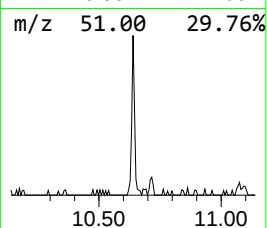
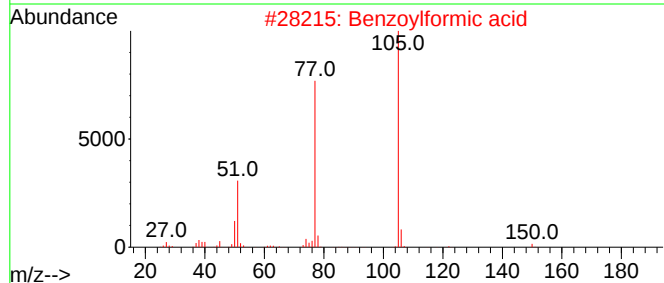
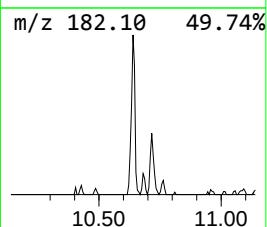
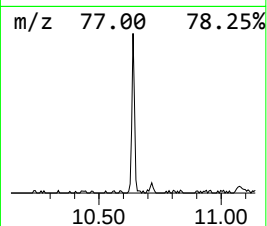
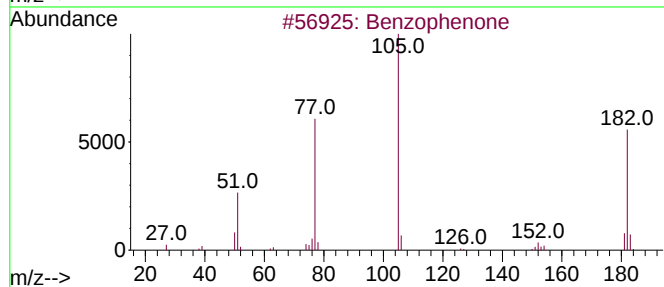
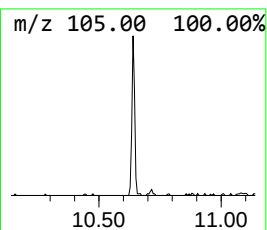
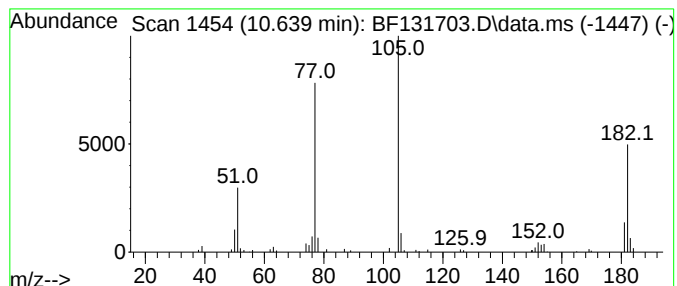
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	3.17 ng	75097	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzoylformic acid	150	C8H6O3	000611-73-4	64
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5			Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
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ClientSampleId :
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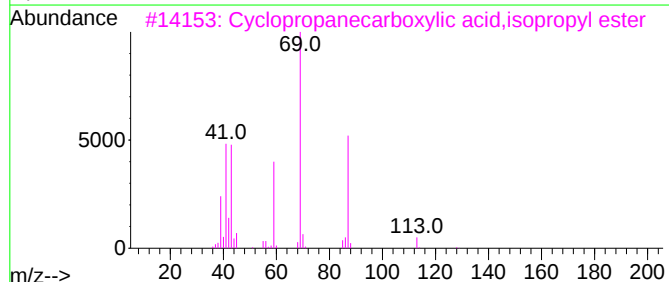
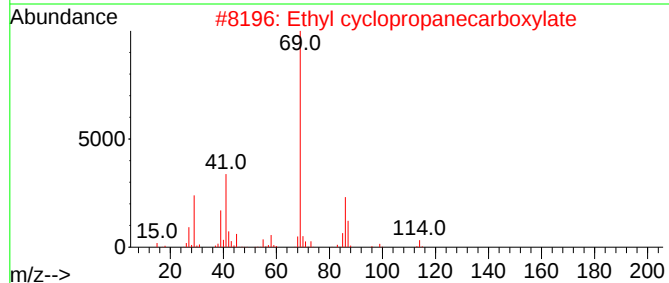
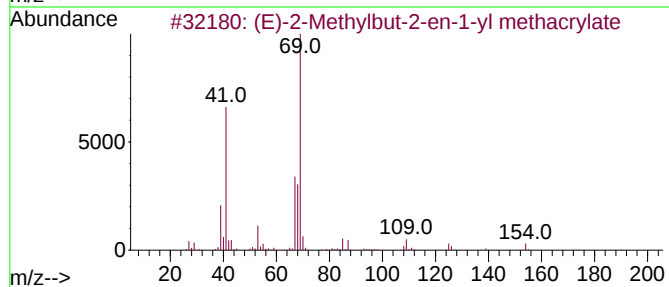
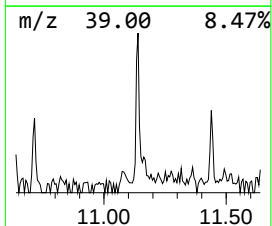
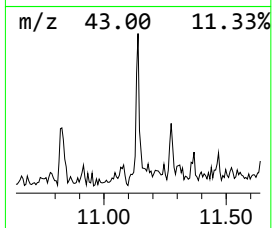
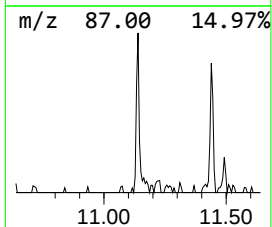
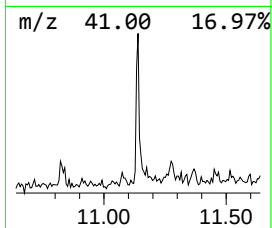
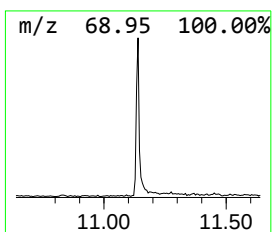
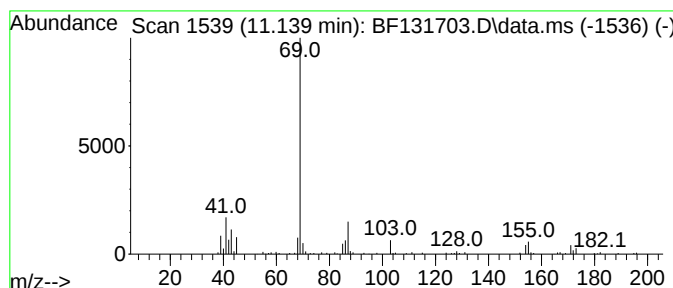
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.139 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	3.77 ng	80862	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	45		
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38		
3	Cyclopropanecarboxylic acid, isop...	128	C7H12O2	006887-83-8	36		
4	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	36		
5	Dinocap	207	C10H9NO4	039300-45-3	33		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
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Sample : N6038-14
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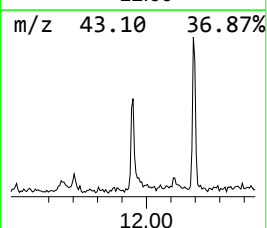
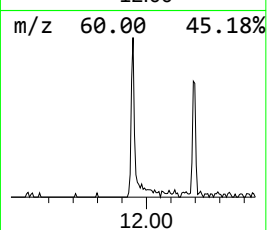
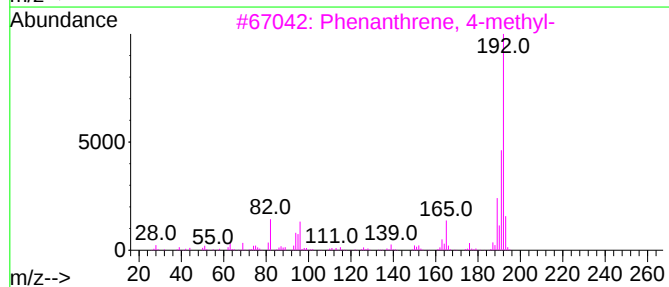
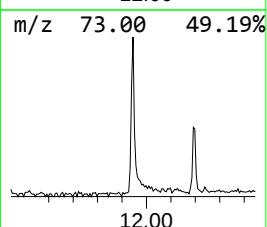
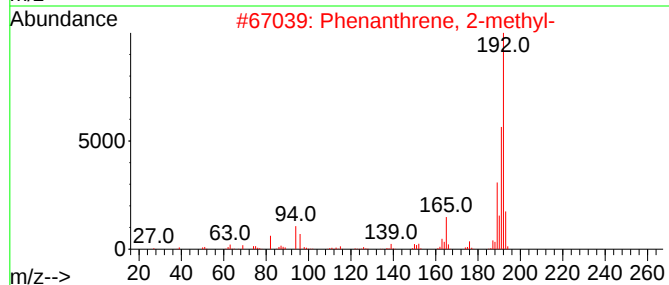
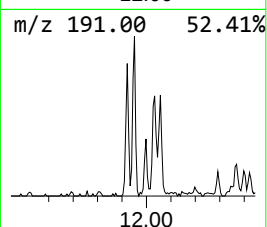
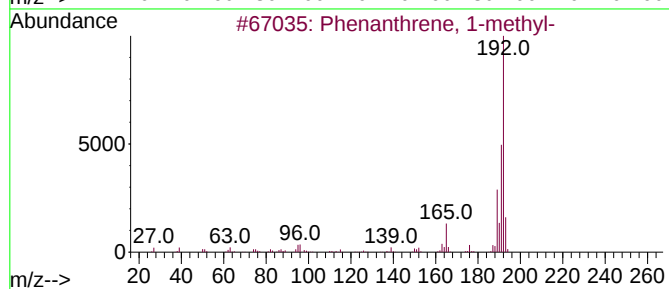
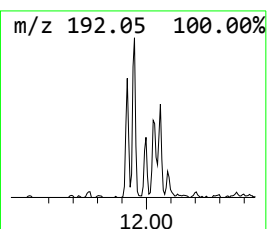
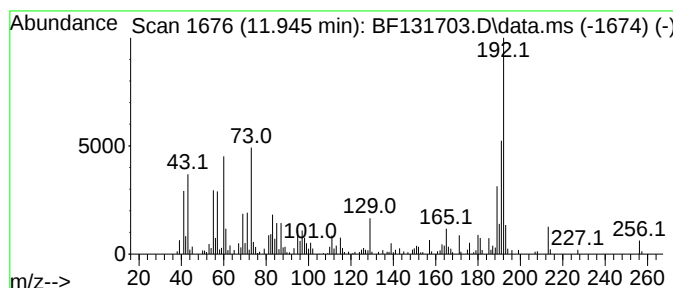
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.945	7.73 ng	165847	Phenanthrene-d10			11.416
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	90
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	87
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
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Sample : N6038-14
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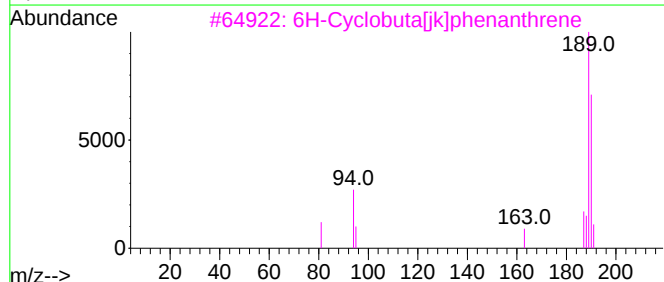
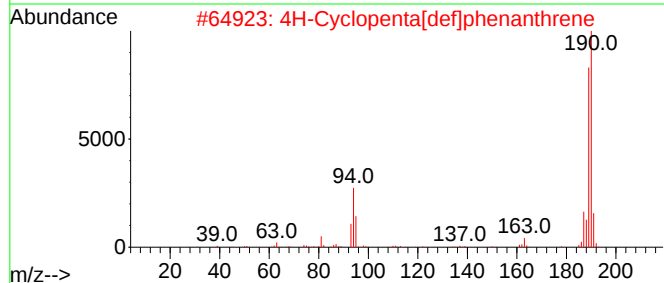
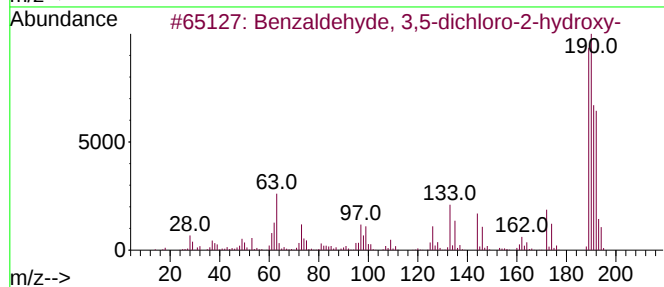
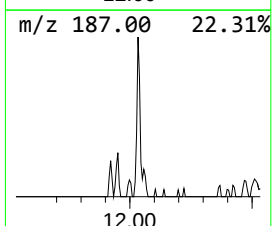
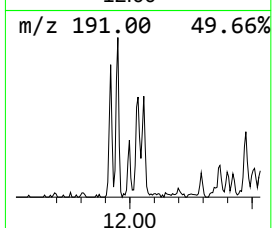
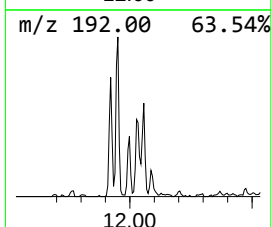
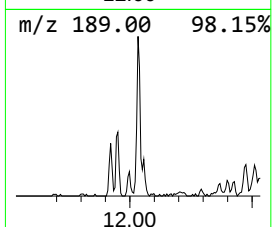
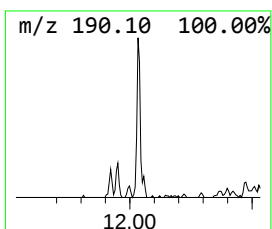
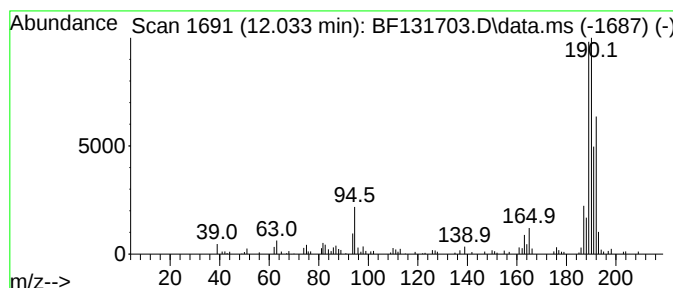
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.033	4.28 ng	91971	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	58
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	30
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
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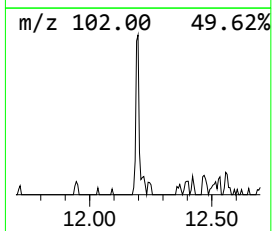
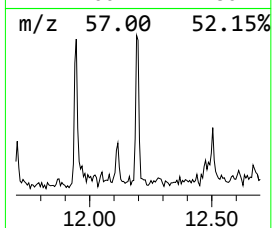
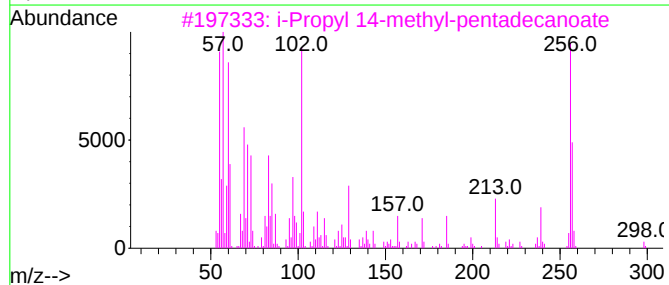
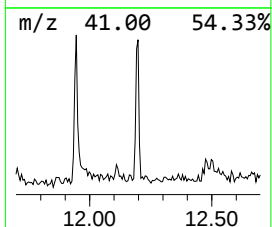
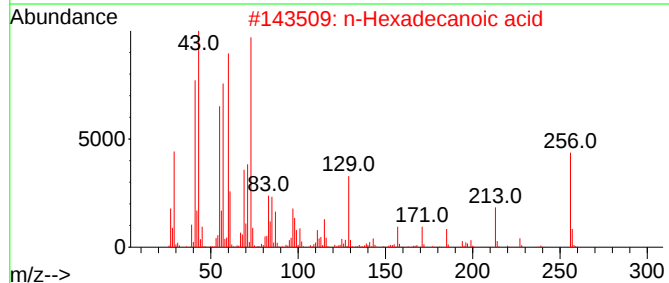
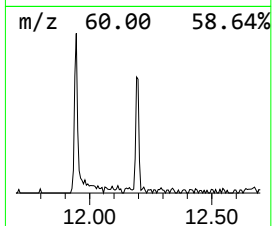
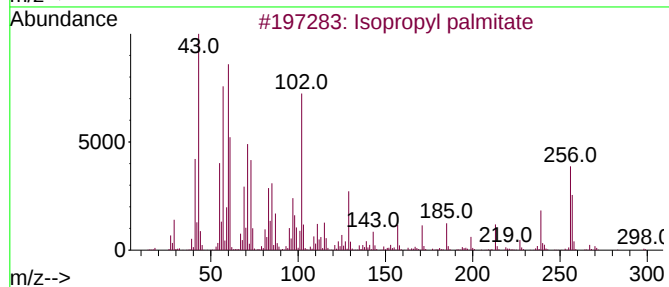
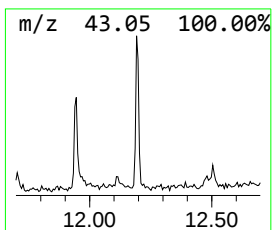
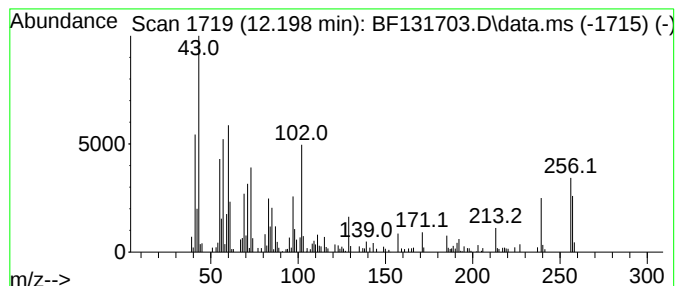
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Isopropyl palmitate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	5.17 ng	111076	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	74
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3			i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	58
4			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	35
5			8-Methylnonanoic acid, isopropyl...	214	C13H26O2	1000452-00-6	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
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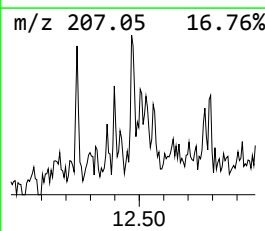
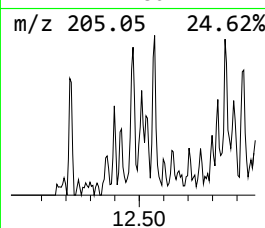
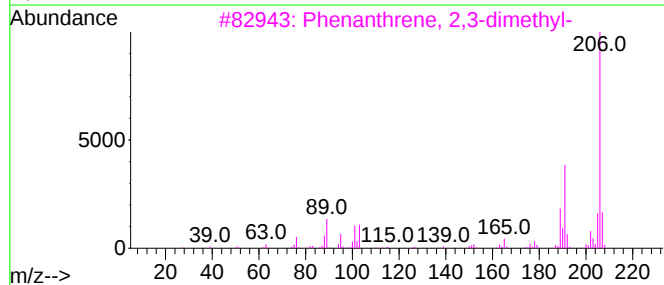
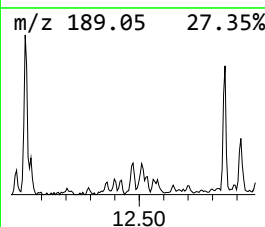
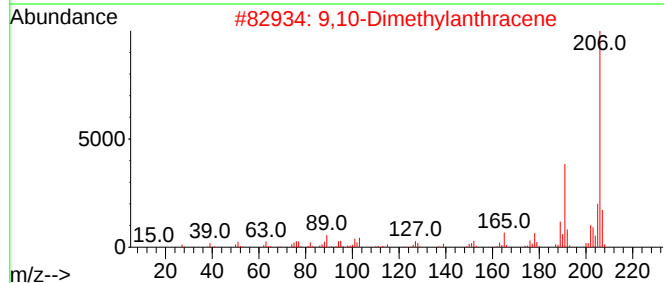
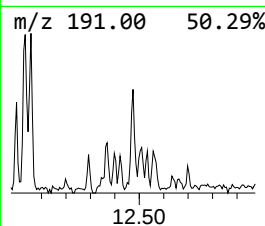
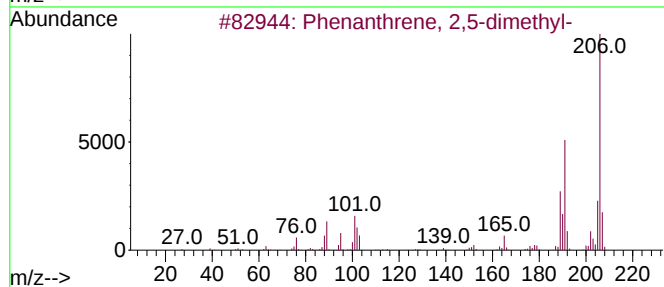
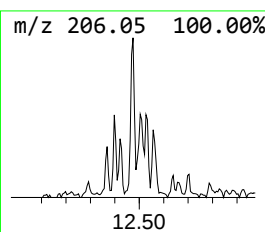
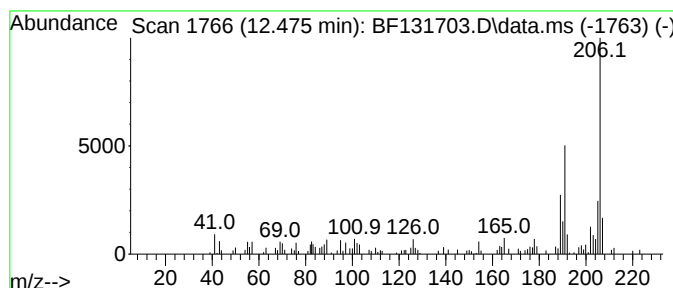
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	3.20 ng	68747	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
5			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
RB-36-(0-2)

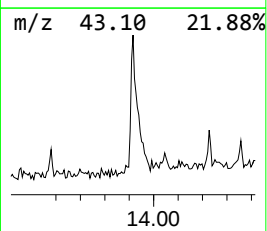
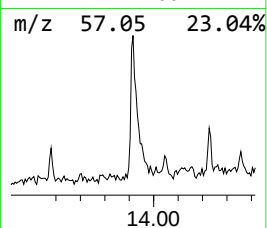
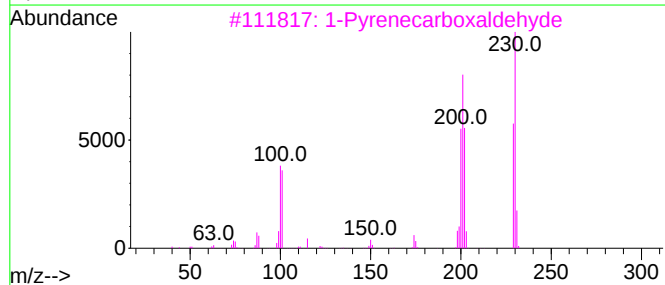
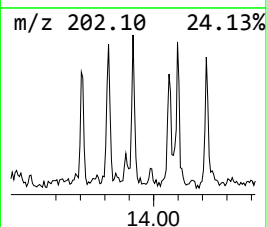
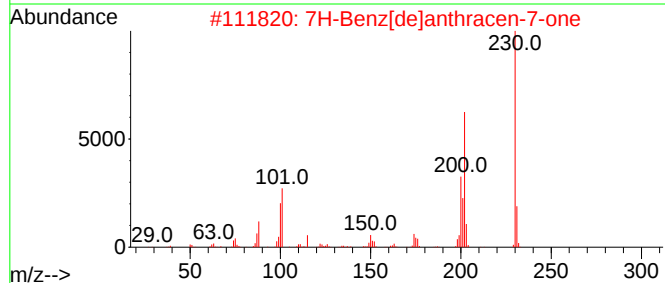
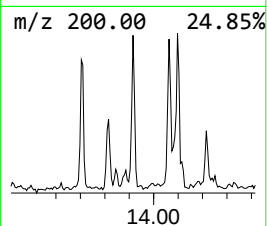
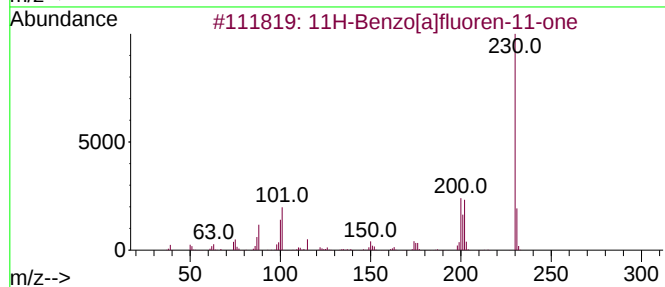
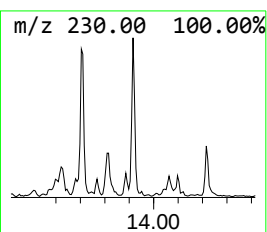
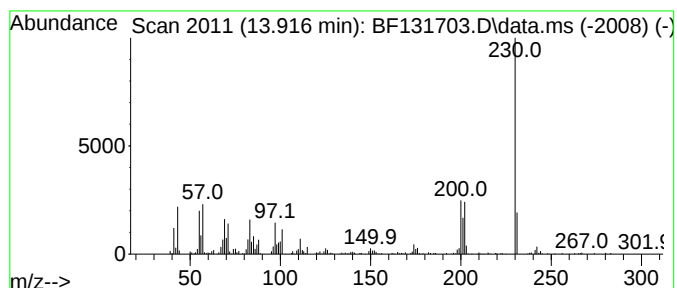
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	4.67 ng	303187	Chrysene-d12	14.074

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
5		o-Terphenyl	230	C18H14	000084-15-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

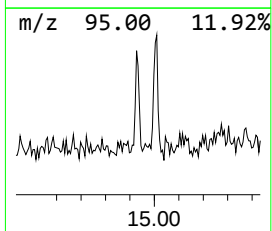
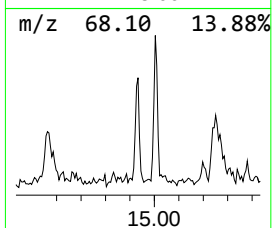
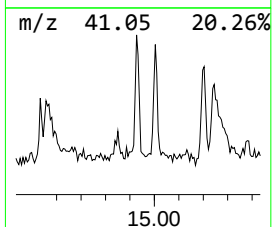
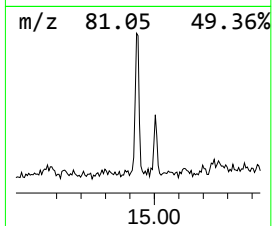
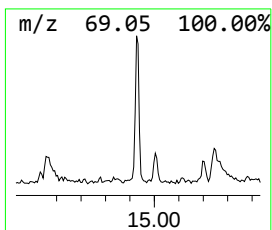
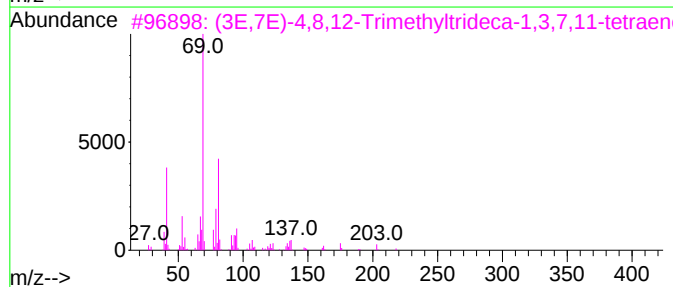
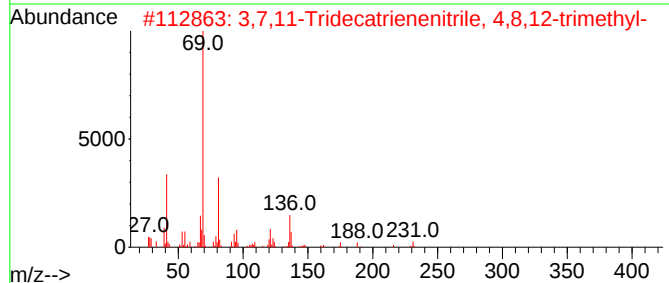
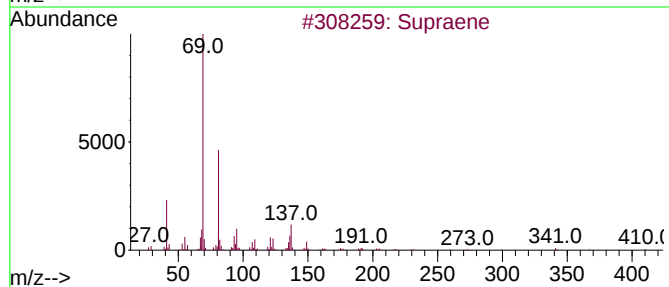
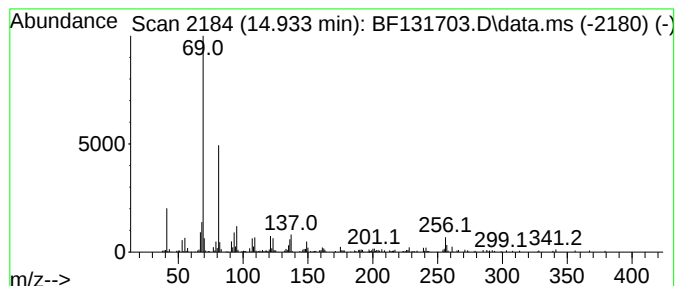
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Supraene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	4.83 ng	108617	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	74
2			3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	64
3			(3E,7E)-4,8,12-Trimethyltrideca...	218	C16H26	062235-06-7	64
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5			3,7-Dimethyl-1-phenylsulfonyl-2...	278	C16H22O2S	1000432-27-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
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Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

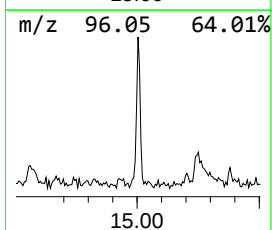
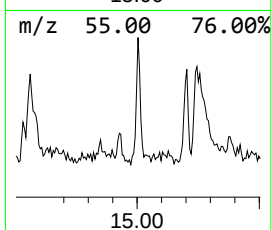
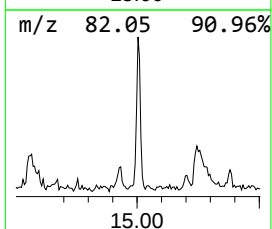
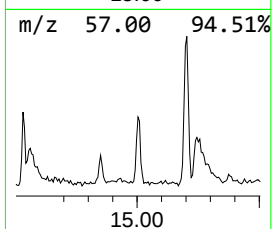
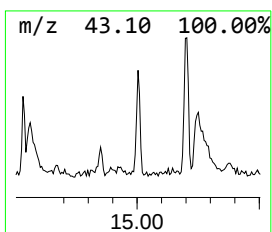
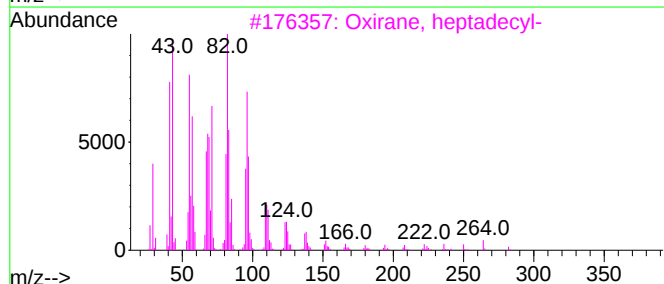
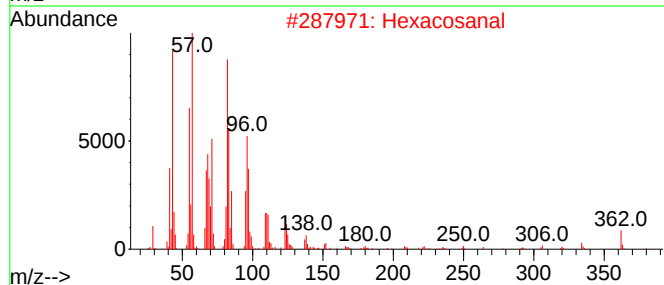
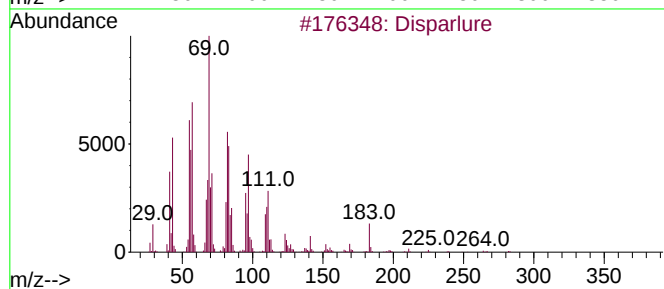
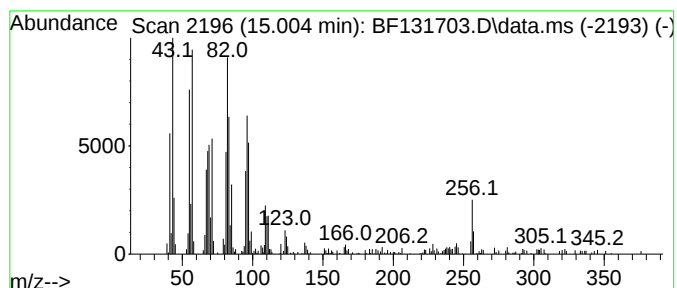
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Disparlure Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.004	5.94 ng	133557	Perylene-d12		15.574	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Disparlure		282	C19H38O	029804-22-6	93
2	Hexacosanal		380	C26H52O	026627-85-0	91
3	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	90
4	Eicosanal-		296	C20H40O	002400-66-0	90
5	Tetracosanal		352	C24H48O	057866-08-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-36-(0-2)

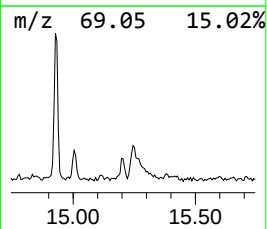
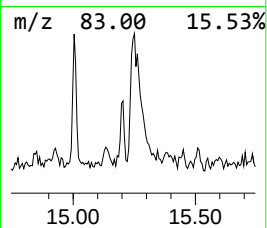
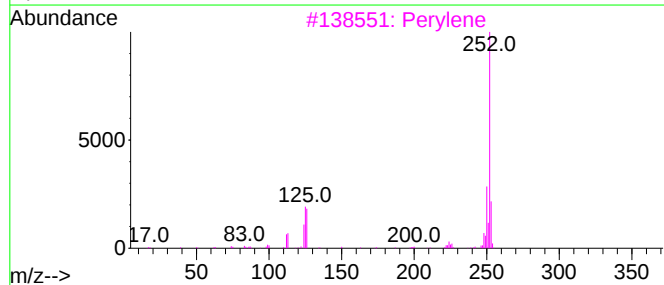
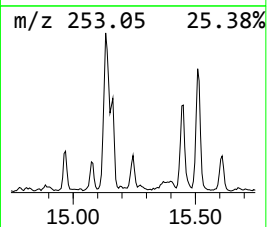
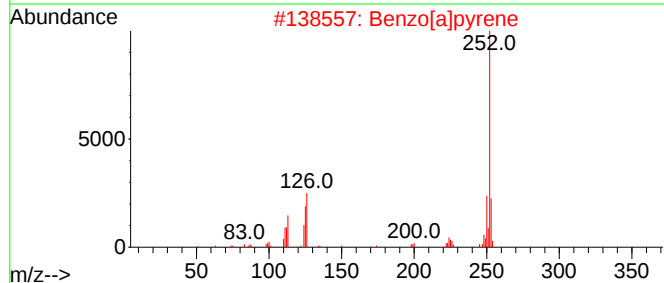
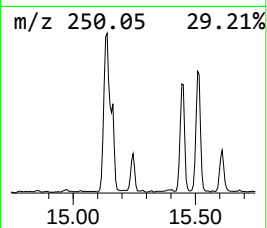
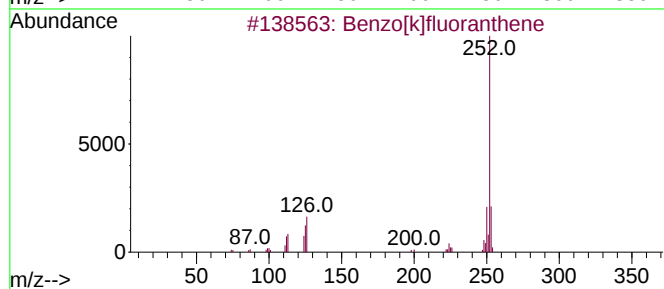
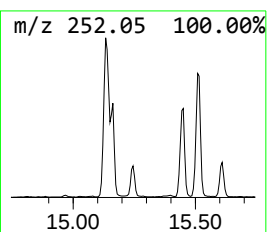
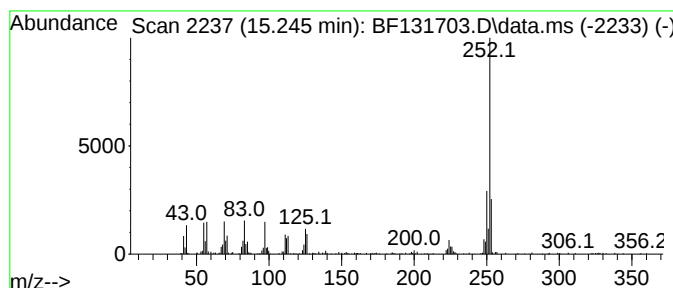
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	16.10 ng	361719	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
2			Benzo[a]pyrene	252	C20H12	000050-32-8	87
3			Perylene	252	C20H12	000198-55-0	83
4			Benzo[e]pyrene	252	C20H12	000192-97-2	81
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-36-(0-2)

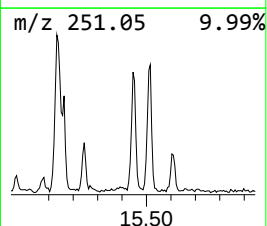
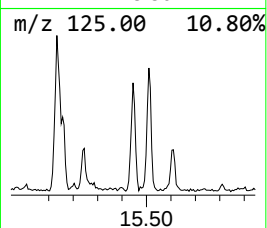
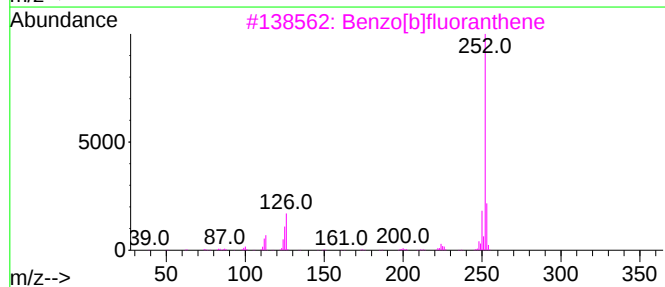
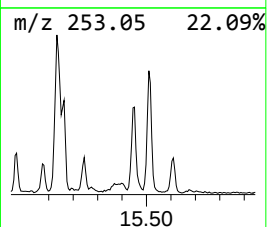
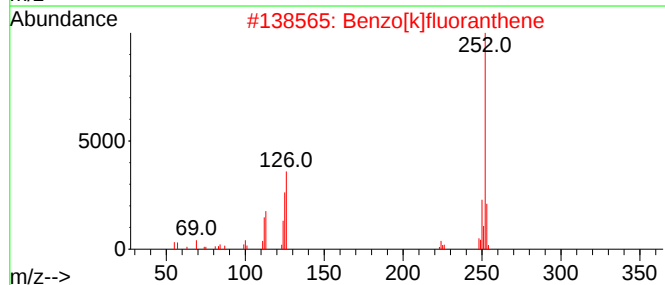
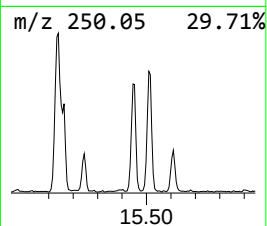
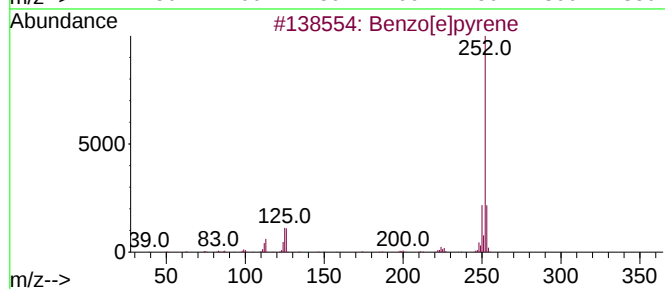
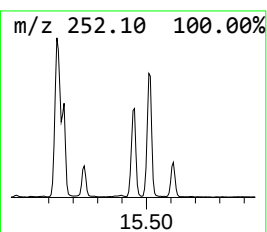
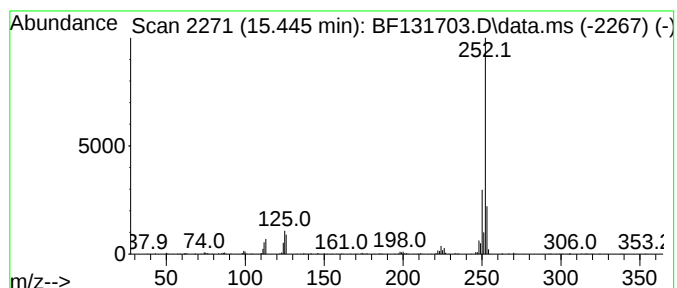
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	19.75 ng	443753	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

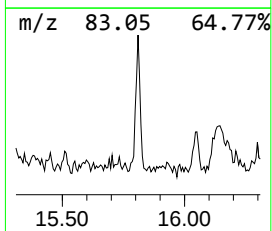
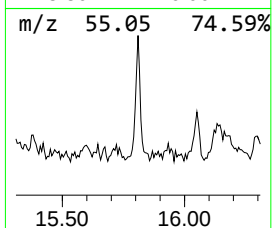
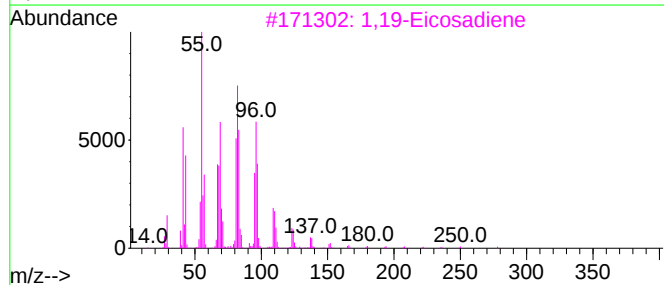
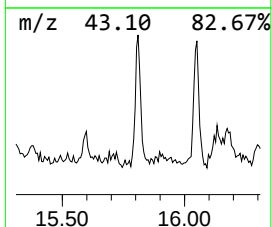
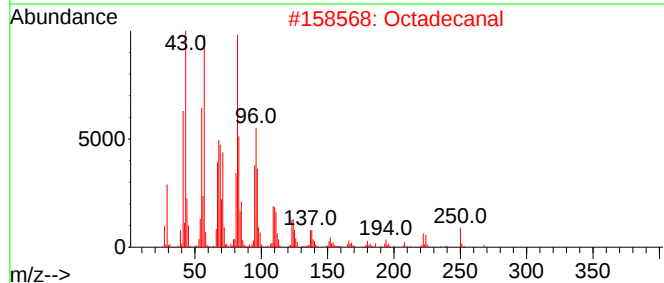
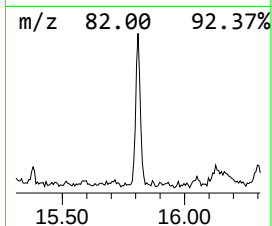
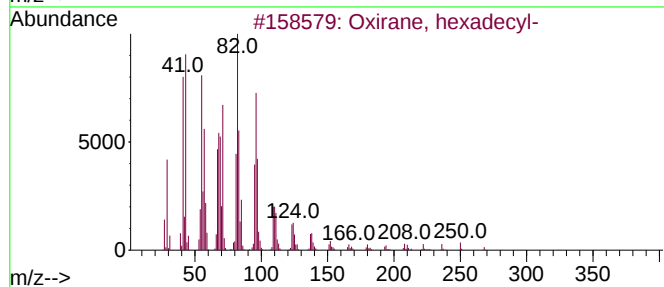
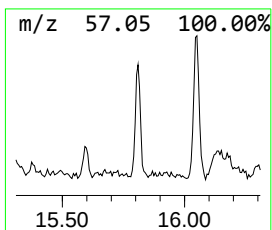
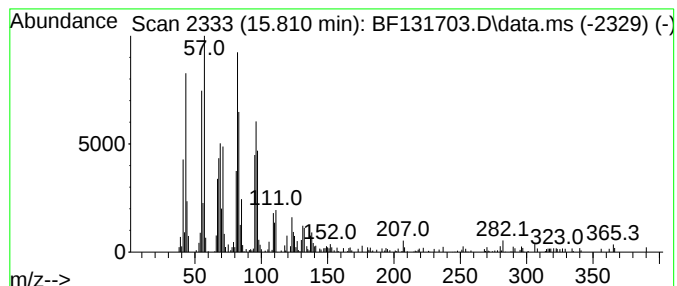
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	10.48 ng	235390	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2			Octadecanal	268	C18H36O	000638-66-4	90
3			1,19-Eicosadiene	278	C20H38	014811-95-1	90
4			Eicosanal	296	C20H40O	002400-66-0	87
5			Hexacosanal	380	C26H52O	026627-85-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-36-(0-2)

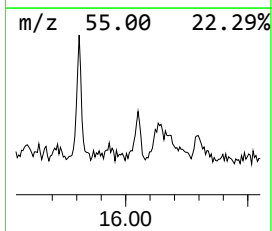
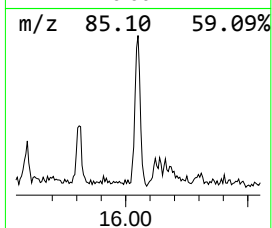
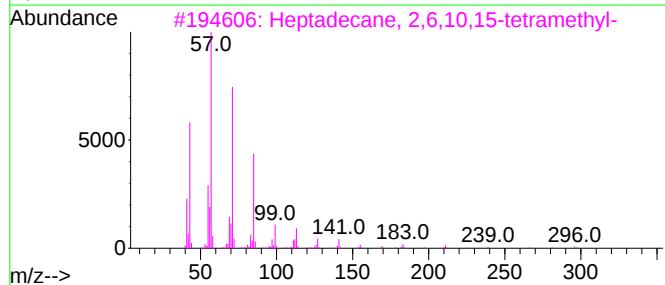
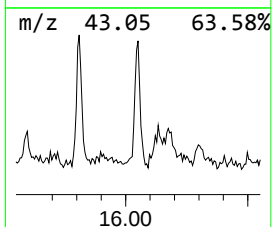
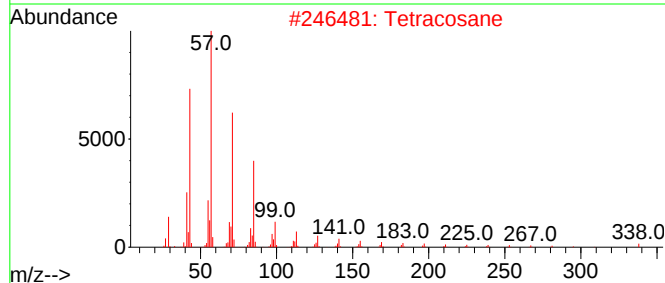
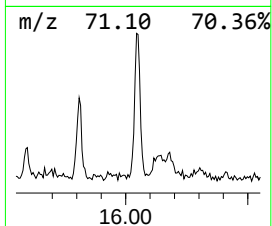
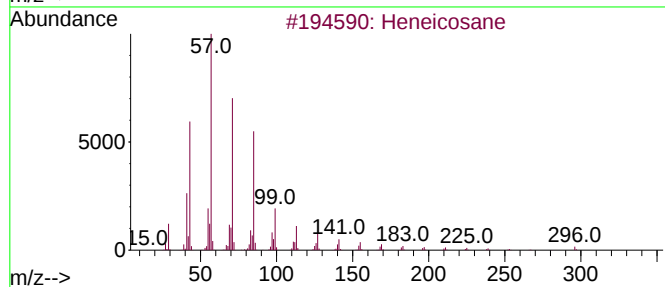
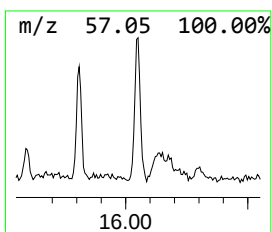
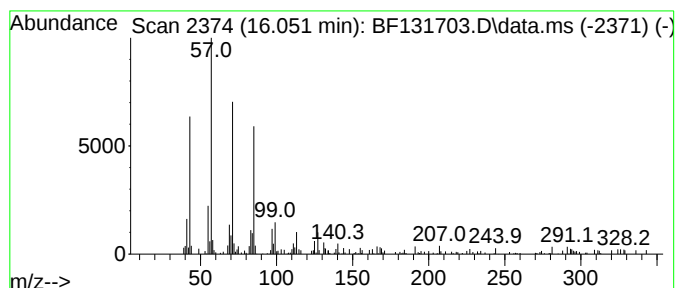
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	4.92 ng	110590	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

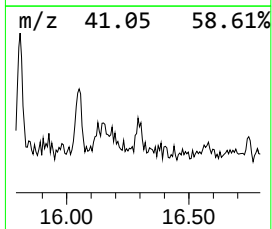
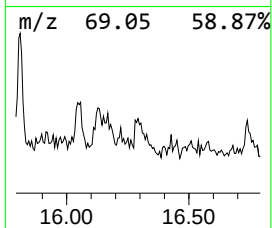
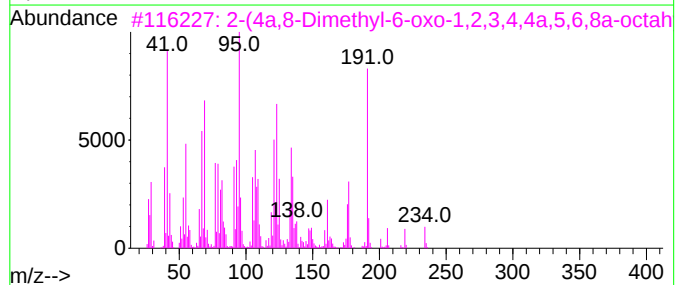
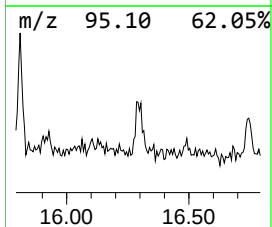
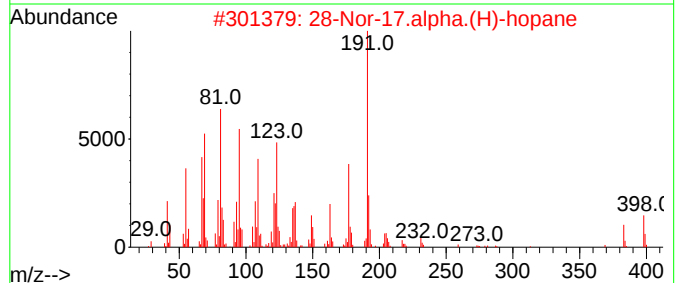
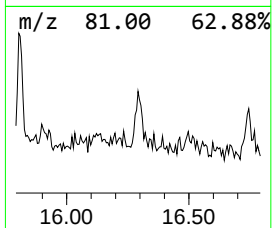
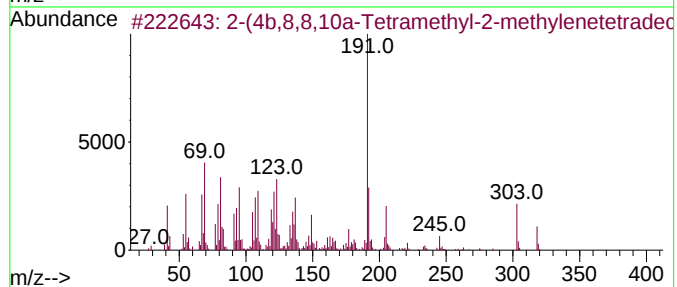
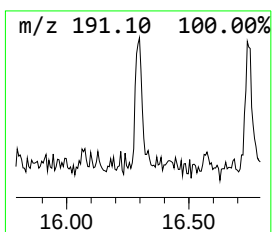
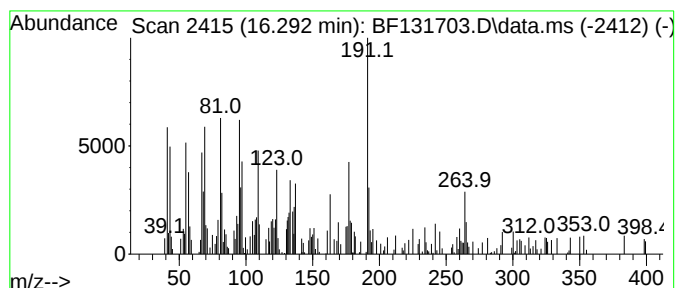
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-(4b,8,8,10a-Tetramethyl-2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	5.52 ng	123933	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4b,8,8,10a-Tetramethyl-2-meth...	318	C21H34O2	1010488-99-2	53		
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	52		
3	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	50		
4	Benzene, 1,1'-[1,2-cyclohexanedi...	300	C18H20S2	1000362-19-6	41		
5	4,8a-Dimethyl-6-(2-methyl-oxiran...	234	C15H22O2	1000189-11-4	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

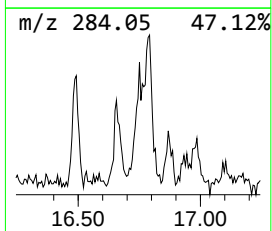
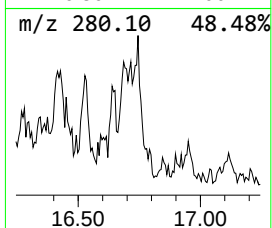
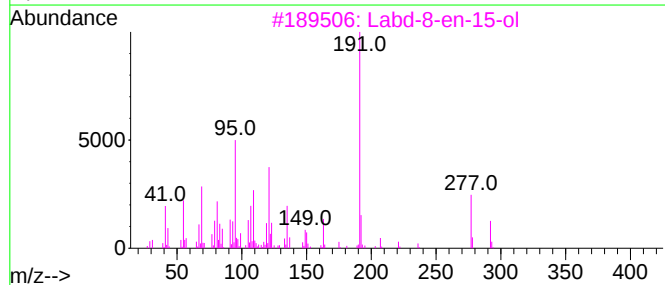
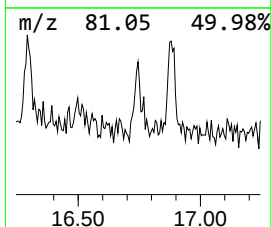
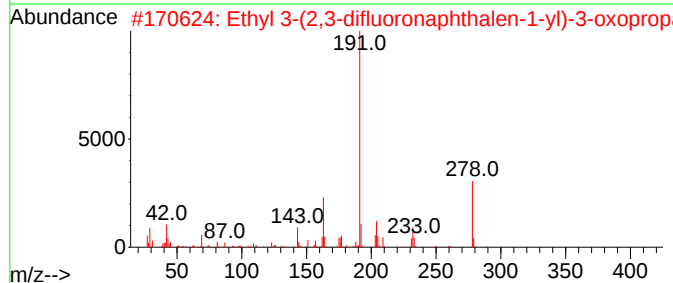
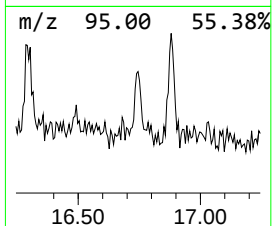
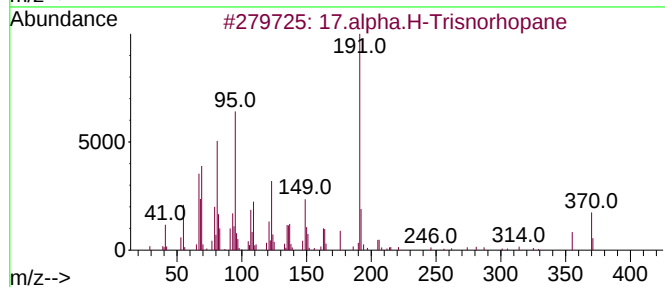
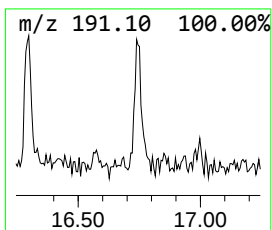
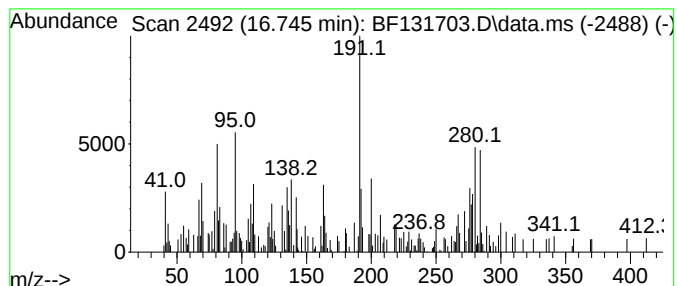
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown16.745 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	5.76 ng	129410	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	17.alpha.H-Trisnorhopane			370	C27H46	053584-59-1	46
2	Ethyl 3-(2,3-difluoronaphthalen-...			278	C15H12F2O3	1010435-59-5	38
3	Labd-8-en-15-ol			292	C20H36O	220766-83-6	38
4	(4aS,8aS)-8-Isopentyl-4,4,7,8a-t...			262	C19H34	220766-79-0	35
5	Isoquinoline, 1,2,3,4-tetrahydro...			283	C18H21NO2	036646-87-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

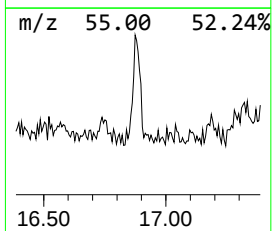
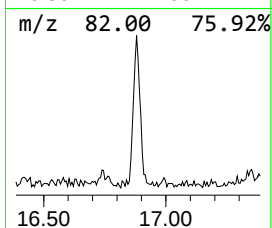
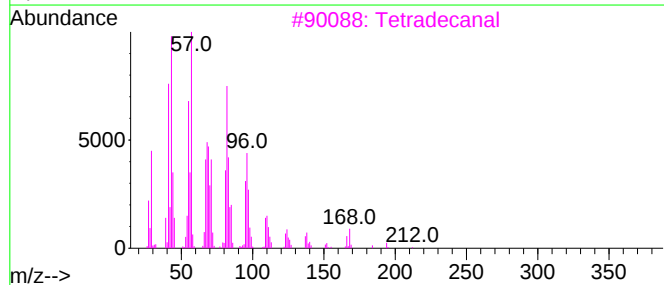
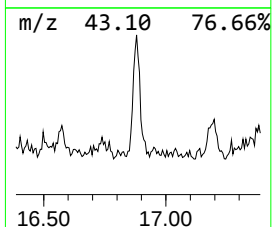
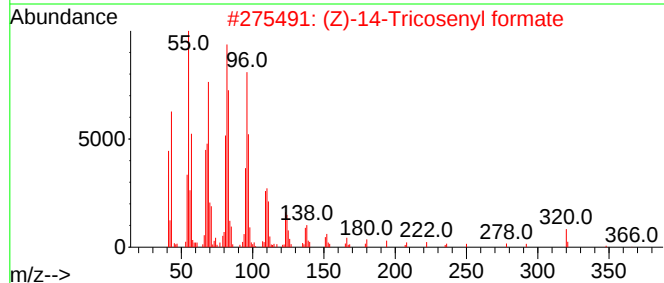
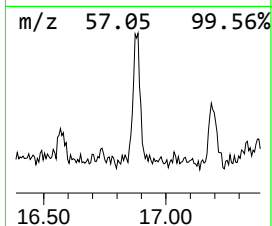
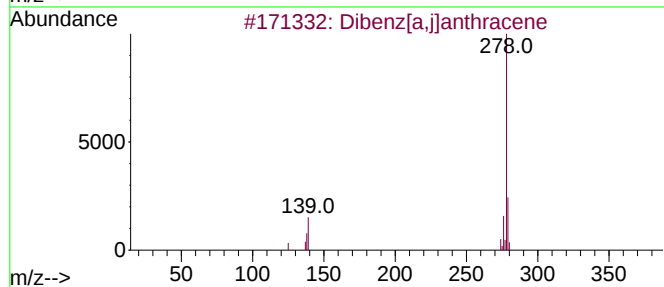
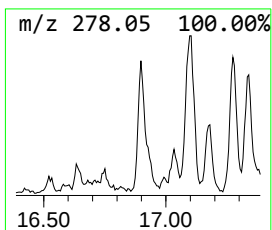
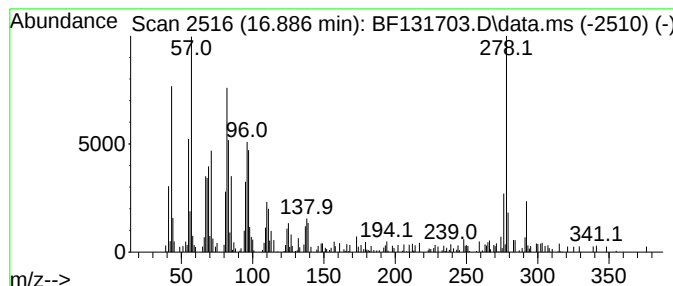
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Dibenz[a,j]anthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	9.50 ng	213386	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,j]anthracene	278	C22H14	000224-41-9	58
2			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	49
3			Tetradecanal	212	C14H28O	000124-25-4	49
4			Henicosanal	310	C21H42O	051227-32-8	49
5			Undecane, 2-cyclohexyl-	238	C17H34	013151-77-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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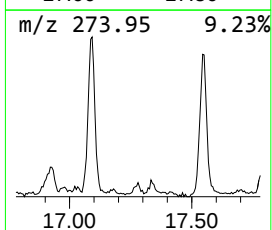
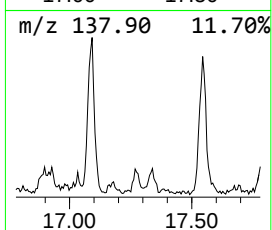
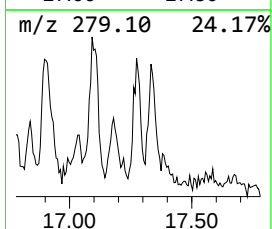
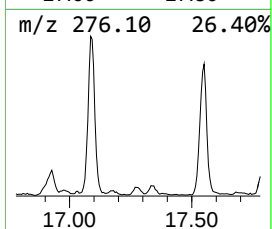
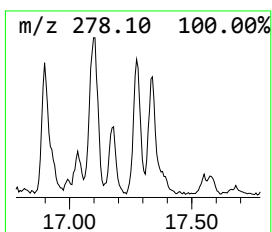
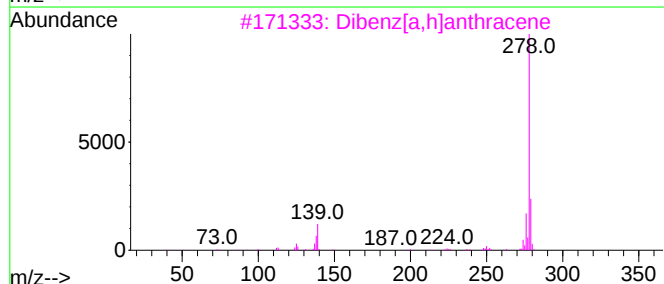
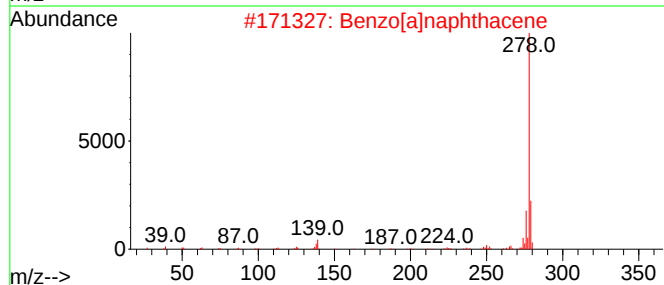
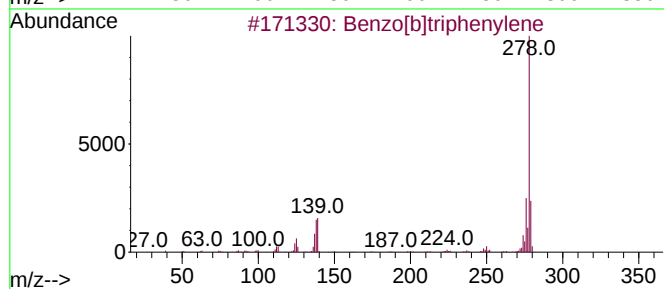
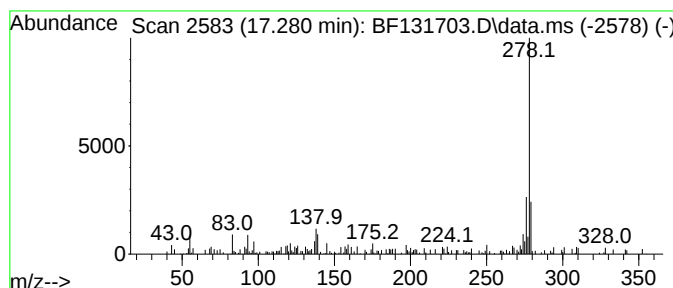
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	3.58 ng	80491	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	76
2			Benzo[a]naphthacene	278	C22H14	000226-88-0	74
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
4			Pyrene, 1-phenyl-	278	C22H14	005101-27-9	70
5			Pentaphene	278	C22H14	000222-93-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131703.D
Acq On : 19 Dec 2022 22:47
Operator : CG\JU
Sample : N6038-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-36-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.122	19.3	ng	414695	1	6.875	429618	20.0
2-Pentanone, 4-...	5.081	13.0	ng	279334	1	6.875	429618	20.0
unknown8.869	8.869	11.8	ng	300107	2	8.163	507456	20.0
Benzophenone	10.639	3.2	ng	75097	3	9.922	474162	20.0
unknown11.139	11.139	3.8	ng	80862	4	11.416	429328	20.0
Phenanthrene, 1...	11.945	7.7	ng	165847	4	11.416	429328	20.0
Benzaldehyde, 3...	12.033	4.3	ng	91971	4	11.416	429328	20.0
Isopropyl palmi...	12.198	5.2	ng	111076	4	11.416	429328	20.0
Phenanthrene, 2...	12.475	3.2	ng	68747	4	11.416	429328	20.0
11H-Benzo[a]flu...	13.916	4.7	ng	303187	5	14.074	1298410	20.0
Supraene	14.933	4.8	ng	108617	6	15.574	449373	20.0
Disparlure	15.004	5.9	ng	133557	6	15.574	449373	20.0
Perylene	15.245	16.1	ng	361719	6	15.574	449373	20.0
Benzo[e]pyrene	15.445	19.8	ng	443753	6	15.574	449373	20.0
Oxirane, hexade...	15.810	10.5	ng	235390	6	15.574	449373	20.0
Heneicosane	16.051	4.9	ng	110590	6	15.574	449373	20.0
2-(4b,8,8,10a-T...	16.292	5.5	ng	123933	6	15.574	449373	20.0
unknown16.745	16.745	5.8	ng	129410	6	15.574	449373	20.0
Dibenz[a,j]anth...	16.886	9.5	ng	213386	6	15.574	449373	20.0
Benzo[b]triphen...	17.280	3.6	ng	80491	6	15.574	449373	20.0