

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136534.D
 Acq On : 13 Dec 2023 13:05
 Operator : CG\JU
 Sample : 05657-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 205-199

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-BF120523.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	13	16	21	rVB2	22802	31992	1.55%	0.112%
2	5.028	495	500	509	rVB	288619	326711	15.87%	1.149%
3	5.434	565	569	572	rBV	1792901	1542529	74.93%	5.424%
4	6.434	735	739	742	rBV	1553832	1515694	73.63%	5.329%
5	6.793	797	800	804	rBV	697583	558726	27.14%	1.964%
6	7.357	890	896	899	rBV	1048304	1028591	49.97%	3.617%
7	8.069	1013	1017	1020	rBV	872659	732601	35.59%	2.576%
8	8.392	1068	1072	1077	rBV	18632	33871	1.65%	0.119%
9	9.151	1196	1201	1204	rBV	2336913	2058615	100.00%	7.238%
10	9.486	1254	1258	1260	rBV	38309	35440	1.72%	0.125%
11	9.686	1287	1292	1296	rBV	116163	94539	4.59%	0.332%
12	9.828	1309	1316	1319	rBV	977342	779423	37.86%	2.740%
13	9.857	1319	1321	1325	rVB	39300	35305	1.71%	0.124%
14	9.934	1330	1334	1338	rBV3	28887	37070	1.80%	0.130%
15	10.034	1347	1351	1354	rBV2	30893	34338	1.67%	0.121%
16	10.145	1366	1370	1372	rBV2	26131	29110	1.41%	0.102%
17	10.375	1406	1409	1415	rVB2	48949	52467	2.55%	0.184%
18	10.616	1446	1450	1463	rVB	1048920	1001275	48.64%	3.521%
19	10.745	1468	1472	1476	rBV3	41831	44367	2.16%	0.156%
20	10.928	1498	1503	1505	rBV3	26944	37578	1.83%	0.132%
21	11.122	1534	1536	1541	rVB2	38174	34514	1.68%	0.121%
22	11.216	1549	1552	1557	rVB	50452	50814	2.47%	0.179%
23	11.316	1566	1569	1571	rVV	731474	647695	31.46%	2.277%
24	11.345	1571	1574	1578	rVV	651121	594988	28.90%	2.092%
25	11.392	1578	1582	1585	rVB	123489	111208	5.40%	0.391%
26	11.428	1585	1588	1591	rBV2	33872	36079	1.75%	0.127%
27	11.551	1603	1609	1612	rBV	67657	78011	3.79%	0.274%
28	11.616	1618	1620	1622	rBV	36293	29563	1.44%	0.104%
29	11.651	1622	1626	1631	rVB	54948	52058	2.53%	0.183%
30	11.733	1637	1640	1645	rVB	35138	38848	1.89%	0.137%
31	11.822	1652	1655	1658	rVV	171093	159214	7.73%	0.560%
32	11.857	1658	1661	1665	rVV2	410359	424104	20.60%	1.491%
33	11.898	1665	1668	1670	rVV2	50908	52473	2.55%	0.184%
34	11.933	1670	1674	1676	rVV	240752	231844	11.26%	0.815%
35	11.957	1676	1678	1683	rVB	138328	118148	5.74%	0.415%
36	12.057	1693	1695	1698	rVV	34601	32135	1.56%	0.113%

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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 >

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37	12.122	1701	1706	1708	rVV	93287	106231	5.16%	0.374%
38	12.145	1708	1710	1714	rVB2	127328	108875	5.29%	0.383%
39	12.269	1729	1731	1734	rVB2	38370	33404	1.62%	0.117%
40	12.298	1734	1736	1739	rBV	49015	42272	2.05%	0.149%
41	12.322	1739	1740	1743	rVB	38820	32058	1.56%	0.113%
42	12.375	1743	1749	1752	rBV	157523	173994	8.45%	0.612%
43	12.410	1752	1755	1758	rVV2	72039	87695	4.26%	0.308%
44	12.433	1758	1759	1761	rVB	57153	28234	1.37%	0.099%
45	12.463	1761	1764	1768	rBV2	100345	117667	5.72%	0.414%
46	12.539	1773	1777	1780	rBV	1329824	1082003	52.56%	3.804%
47	12.586	1780	1785	1786	rVV3	39395	54737	2.66%	0.192%
48	12.645	1790	1795	1797	rVV2	141679	166447	8.09%	0.585%
49	12.686	1801	1802	1806	rVV3	46822	47225	2.29%	0.166%
50	12.769	1810	1816	1819	rVV	1241150	1186575	57.64%	4.172%
51	12.816	1822	1824	1829	rVB3	60417	82681	4.02%	0.291%
52	12.886	1833	1836	1837	rBV2	61869	57714	2.80%	0.203%
53	12.916	1837	1841	1844	rVV	1869136	1572779	76.40%	5.530%
54	12.986	1848	1853	1857	rBV3	126865	192911	9.37%	0.678%
55	13.074	1865	1868	1869	rBV2	100802	107214	5.21%	0.377%
56	13.098	1869	1872	1875	rVB	193084	199148	9.67%	0.700%
57	13.163	1876	1883	1886	rBV	138474	174622	8.48%	0.614%
58	13.204	1886	1890	1892	rBV2	174217	180484	8.77%	0.635%
59	13.227	1892	1894	1897	rVB2	33193	35551	1.73%	0.125%
60	13.292	1902	1905	1908	rVB	118837	107035	5.20%	0.376%
61	13.327	1908	1911	1914	rBV	107698	106575	5.18%	0.375%
62	13.604	1956	1958	1963	rVB	122717	133643	6.49%	0.470%
63	13.669	1967	1969	1972	rVB	40349	31797	1.54%	0.112%
64	13.716	1972	1977	1980	rBV3	159327	204599	9.94%	0.719%
65	13.745	1980	1982	1984	rVV	103978	92794	4.51%	0.326%
66	13.769	1984	1986	1992	rVV2	109206	146674	7.12%	0.516%
67	13.816	1992	1994	1999	rVB2	120017	122687	5.96%	0.431%
68	13.892	2004	2007	2013	rVB5	64376	113842	5.53%	0.400%
69	13.963	2015	2019	2023	rBV2	912051	1455856	70.72%	5.119%
70	13.998	2023	2025	2028	rVB	670041	499875	24.28%	1.758%
71	14.057	2033	2035	2037	rBV2	36641	37111	1.80%	0.130%
72	14.080	2037	2039	2041	rVB	73027	55549	2.70%	0.195%
73	14.116	2043	2045	2047	rBV	31453	31809	1.55%	0.112%
74	14.204	2058	2060	2062	rVB	64333	49007	2.38%	0.172%
75	14.233	2062	2065	2067	rVB	53503	51282	2.49%	0.180%
76	14.327	2078	2081	2082	rBV	51857	50808	2.47%	0.179%

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77	14.363	2084	2087	2090	rVB	179737	168180	8.17%	0.591%
78	14.398	2090	2093	2096	rVB2	128612	127782	6.21%	0.449%
79	14.433	2096	2099	2100	rBV2	36633	38855	1.89%	0.137%
80	14.451	2100	2102	2105	rVB2	139321	132887	6.46%	0.467%
81	14.486	2105	2108	2109	rBV2	119776	101109	4.91%	0.356%
82	14.504	2109	2111	2115	rVB4	108638	132966	6.46%	0.468%
83	14.610	2127	2129	2134	rVB5	42331	46839	2.28%	0.165%
84	14.668	2136	2139	2142	rBV3	93742	118744	5.77%	0.418%
85	14.757	2151	2154	2157	rBV4	77984	109512	5.32%	0.385%
86	14.857	2165	2171	2174	rBV4	85845	164693	8.00%	0.579%
87	14.910	2177	2180	2185	rVB3	200185	235633	11.45%	0.828%
88	15.021	2195	2199	2202	rBV	681679	984296	47.81%	3.461%
89	15.110	2210	2214	2216	rBV2	202245	244540	11.88%	0.860%
90	15.216	2224	2232	2239	rBV6	101308	403587	19.60%	1.419%
91	15.327	2247	2251	2257	rVB	422326	537925	26.13%	1.891%
92	15.392	2258	2262	2268	rVB	517958	641834	31.18%	2.257%
93	15.457	2268	2273	2276	rBV	509390	633800	30.79%	2.228%
94	15.486	2276	2278	2285	rVB3	154302	235534	11.44%	0.828%
95	15.710	2313	2316	2325	rVB3	153414	202011	9.81%	0.710%
96	15.957	2353	2358	2363	rBV	178689	287529	13.97%	1.011%
97	16.786	2493	2499	2509	rVB5	138559	293524	14.26%	1.032%
98	16.957	2522	2528	2537	rVB2	171150	357543	17.37%	1.257%
99	17.104	2549	2553	2556	rBV3	33054	60027	2.92%	0.211%
100	17.409	2599	2605	2618	rVB	132382	318472	15.47%	1.120%

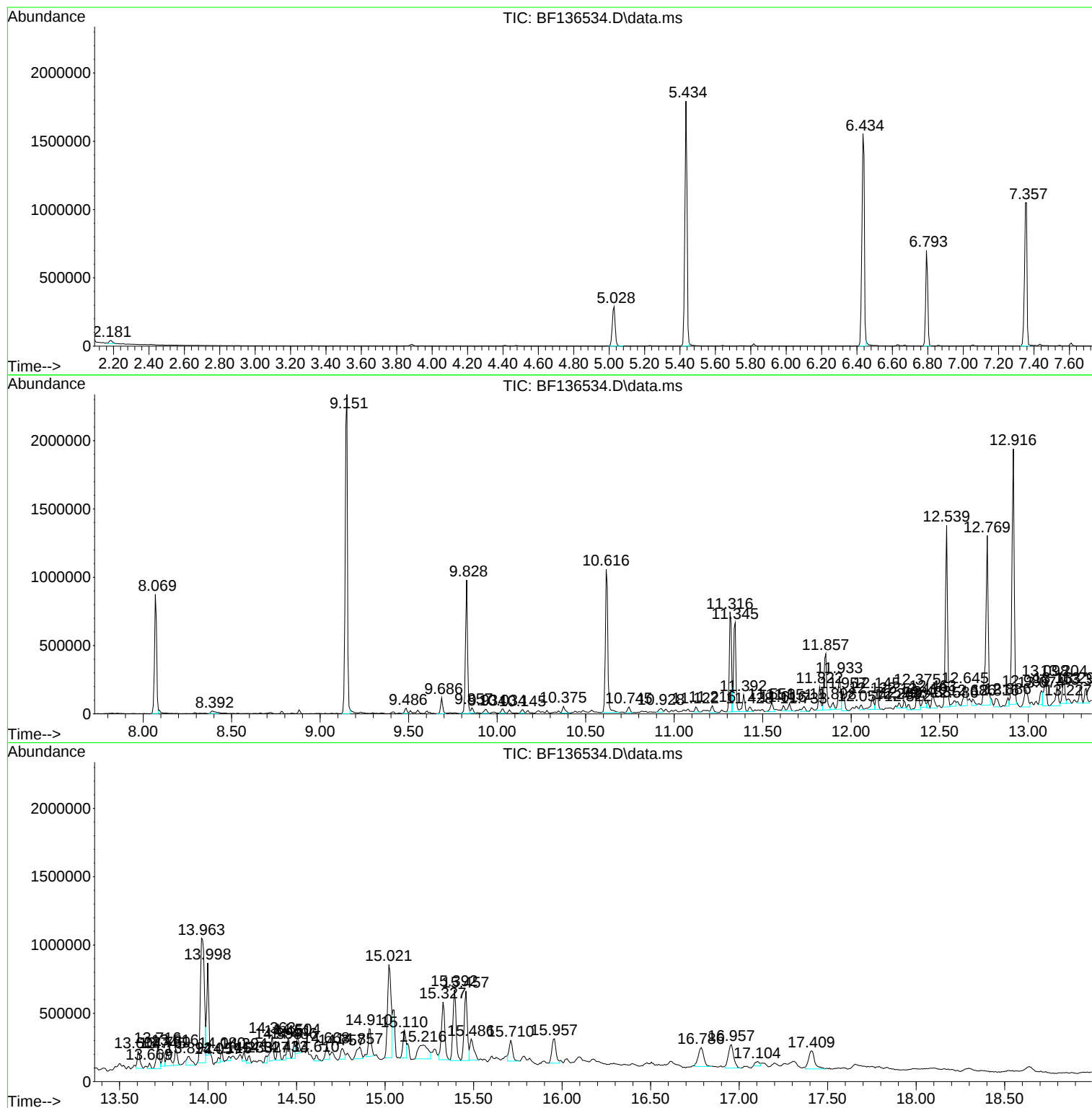
Sum of corrected areas: 28441224

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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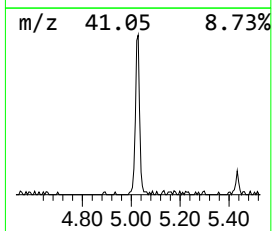
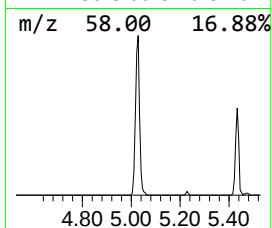
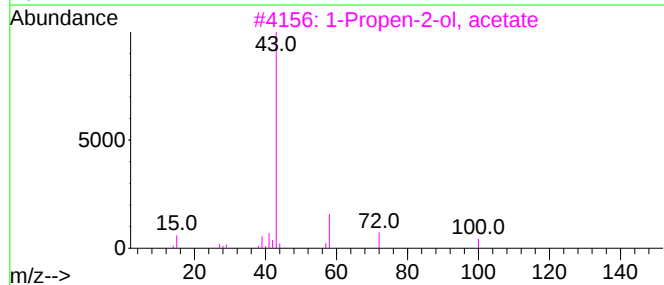
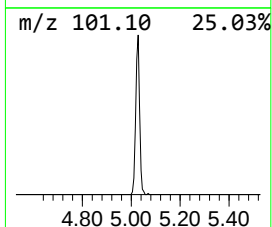
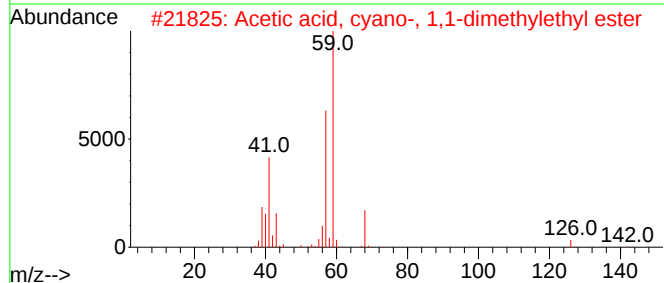
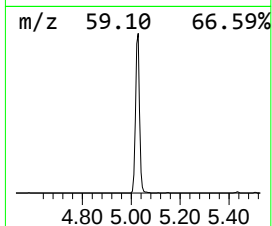
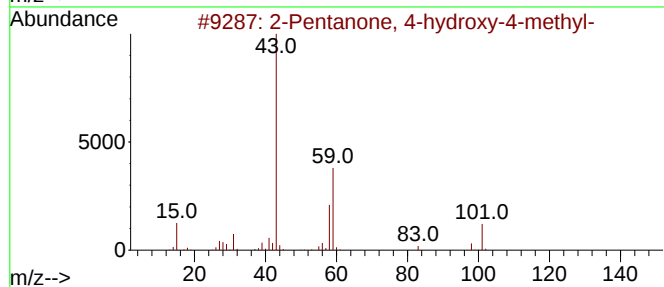
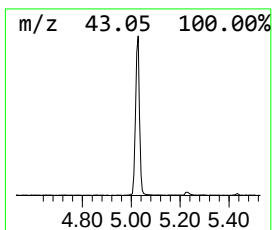
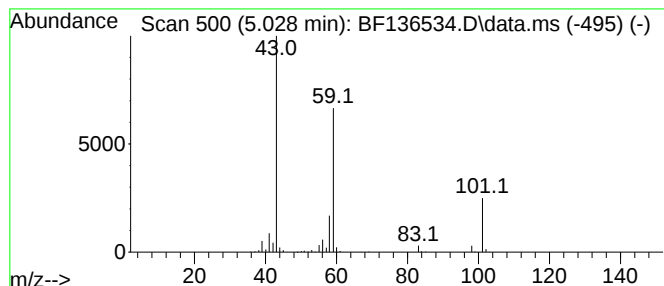
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	11.69 ng	326711	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	Guanidine	59	CH5N3	000113-00-8	9		



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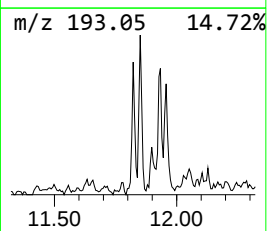
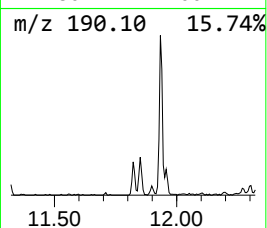
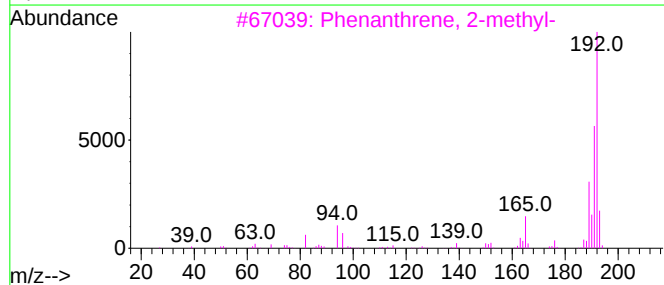
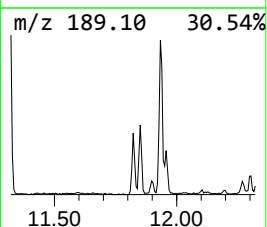
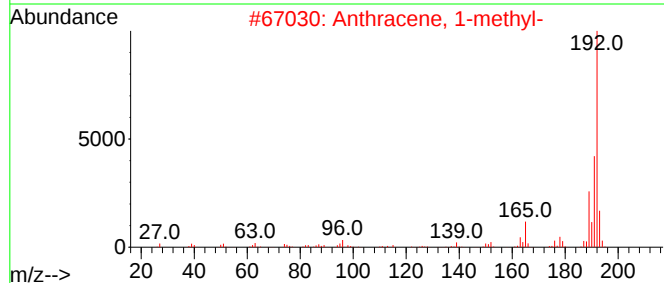
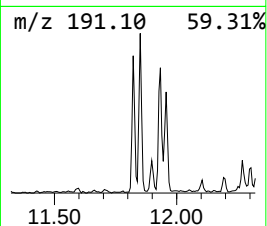
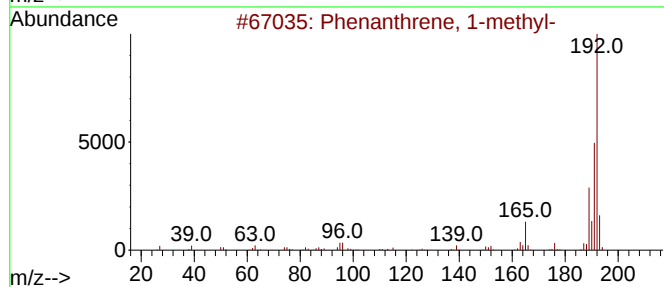
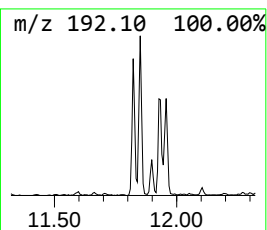
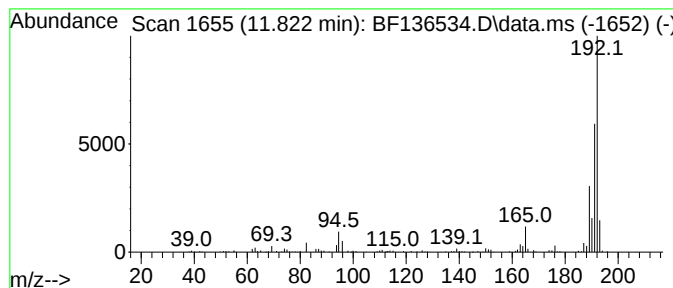
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	4.92 ng	159214	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89



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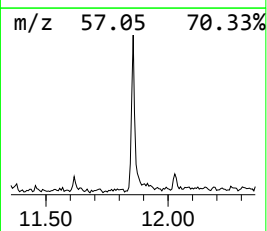
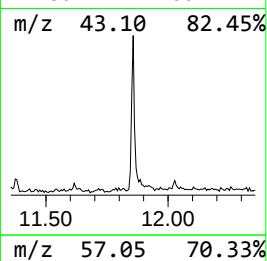
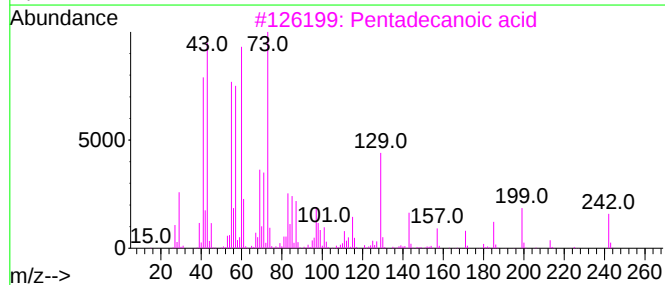
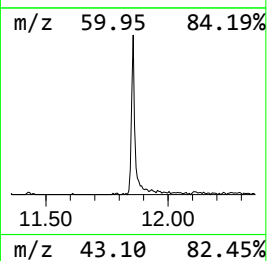
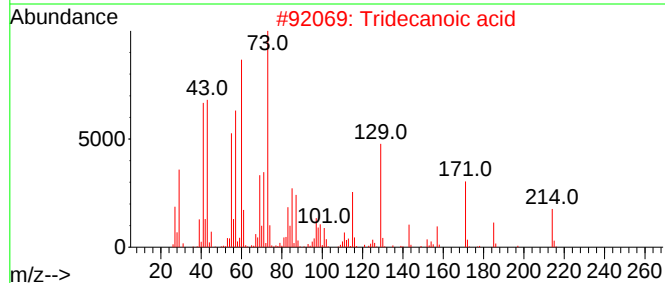
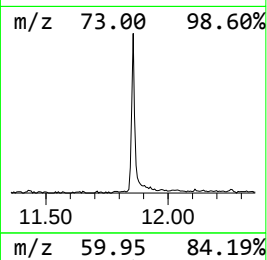
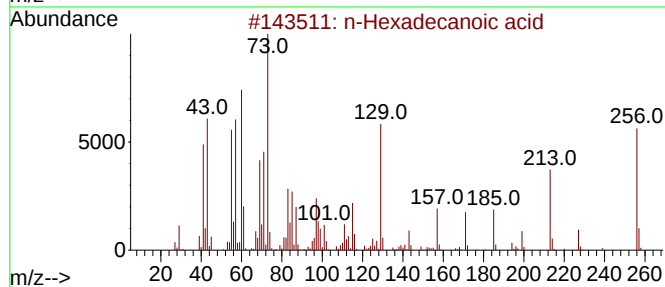
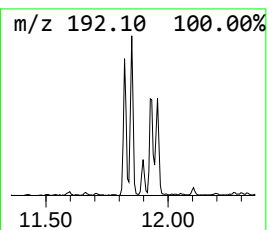
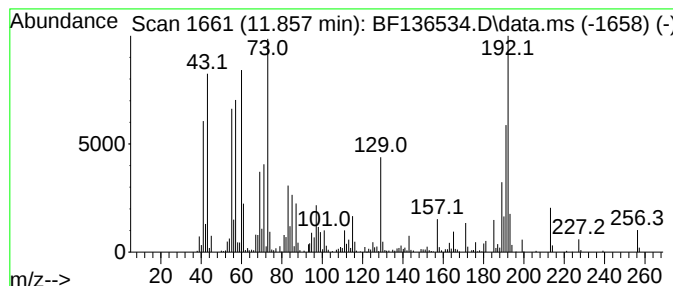
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.857	13.10 ng	424104	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	48



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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Operator : CG\JU
Sample : 05657-01
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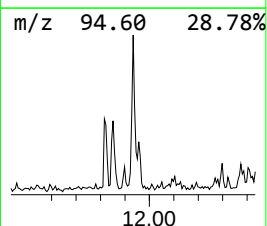
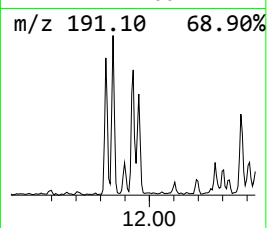
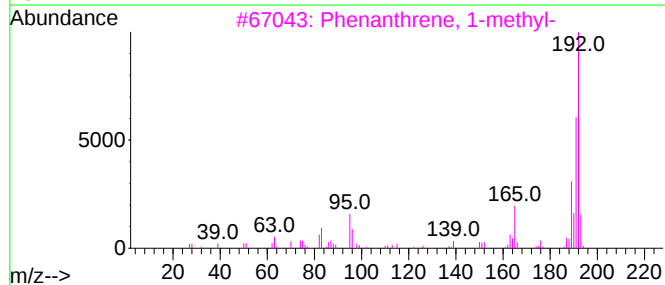
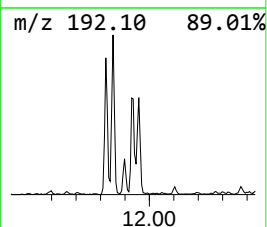
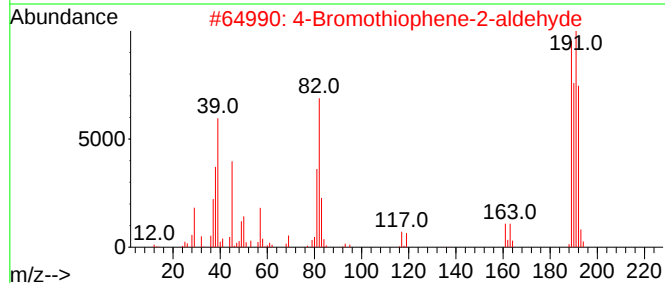
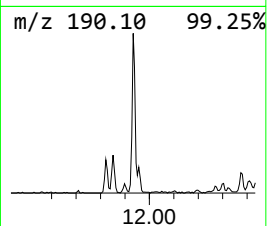
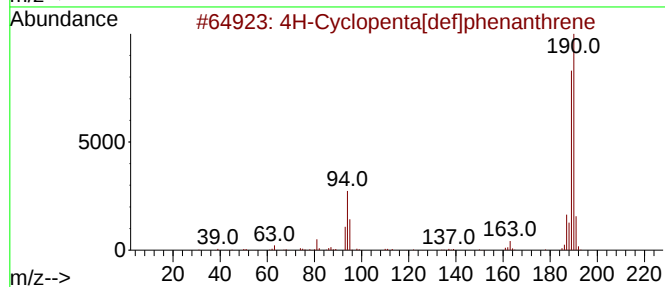
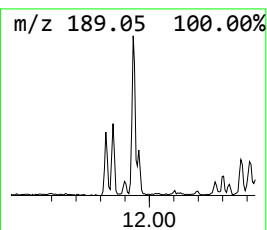
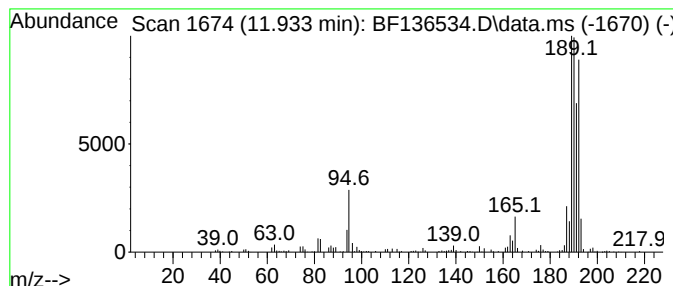
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.933	7.16 ng	231844	Phenanthrene-d10			11.316
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	91
2	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	52
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	42
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	38
5	Propyne, 1,3-diphenyl-		192	C15H12	004980-70-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
Operator : CG\JU
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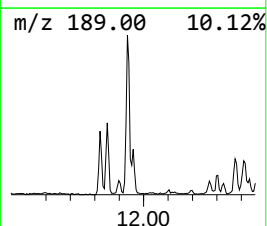
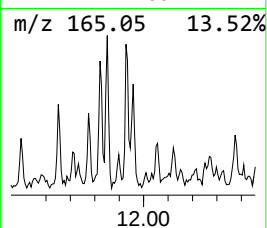
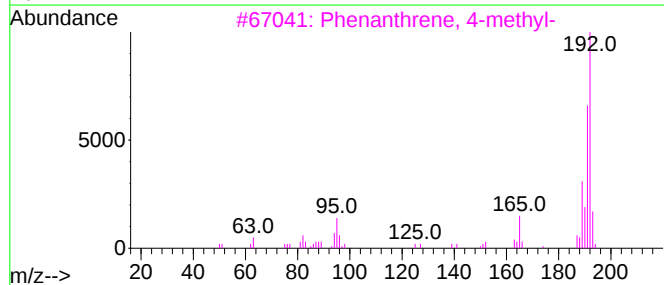
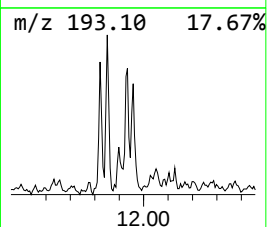
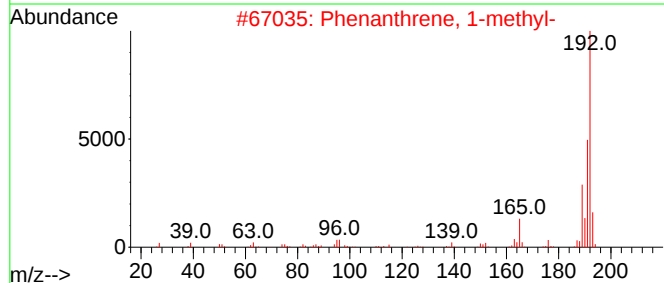
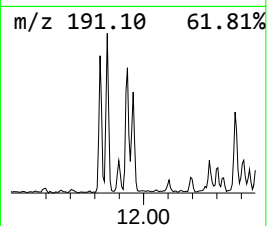
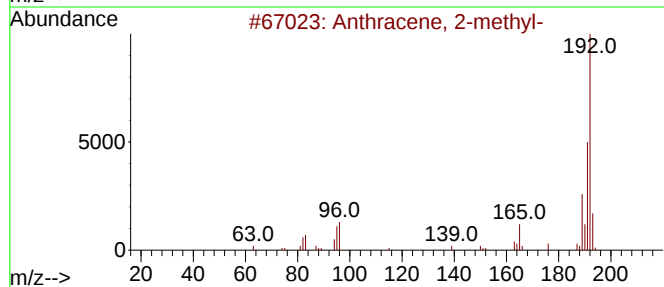
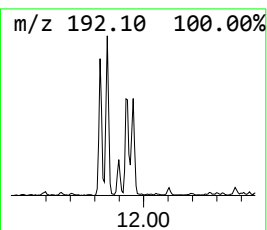
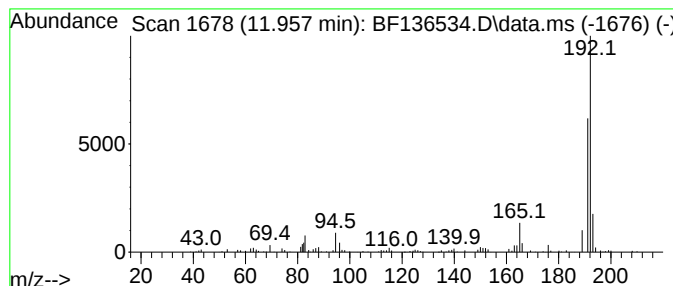
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.957	3.65 ng	118148	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
Operator : CG\JU
Sample : 05657-01
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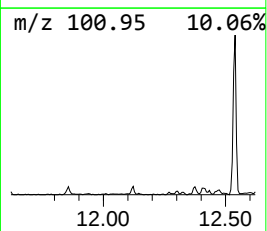
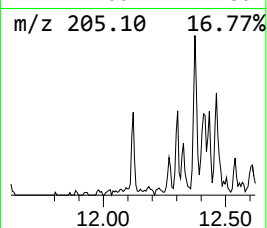
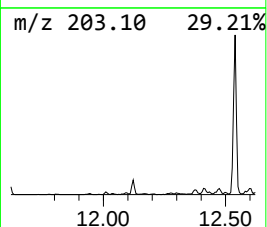
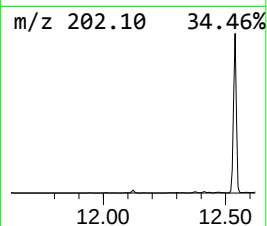
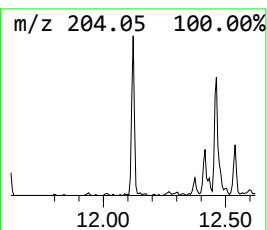
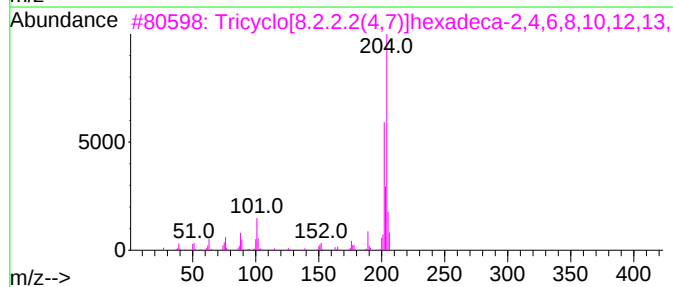
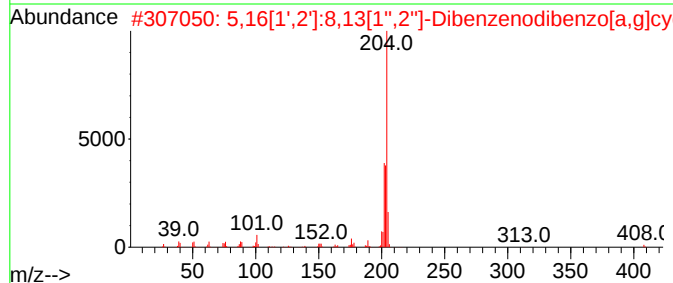
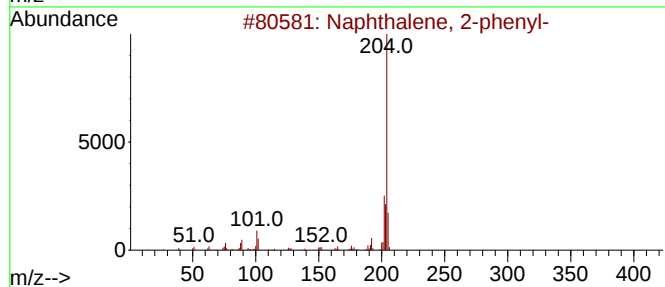
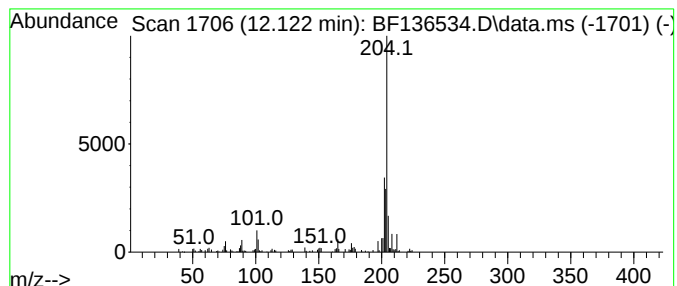
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	3.28 ng	106231	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	58
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
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Sample : 05657-01
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Instrument :
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ClientSampleId :
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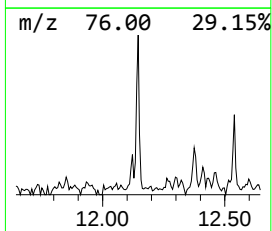
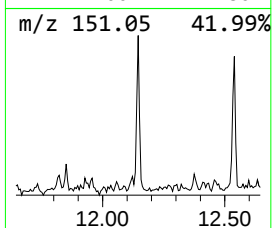
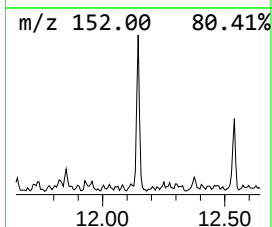
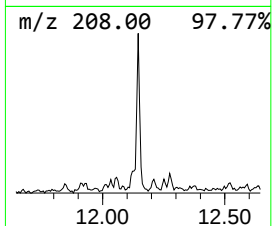
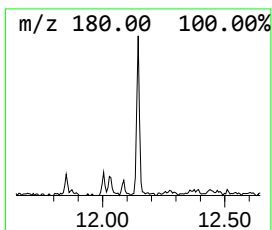
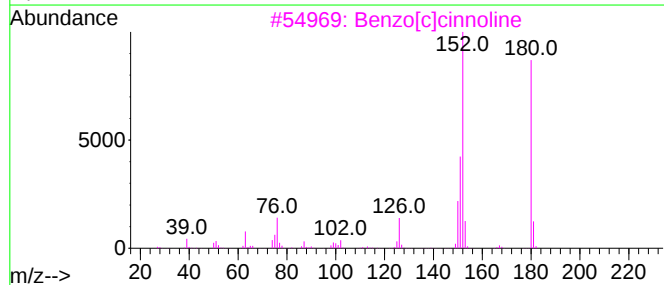
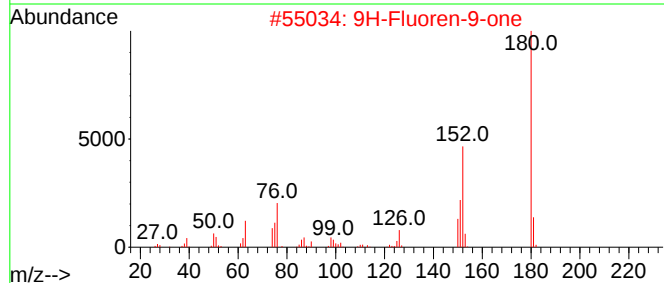
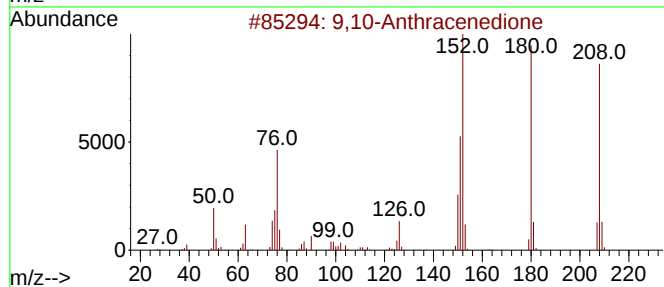
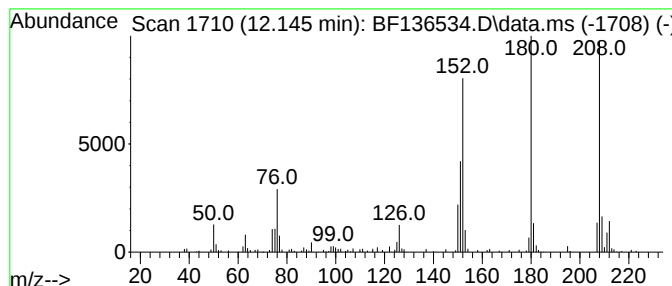
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.145	3.36 ng	108875	Phenanthrene-d10		11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98	
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83	
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78	
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55	
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
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Sample : 05657-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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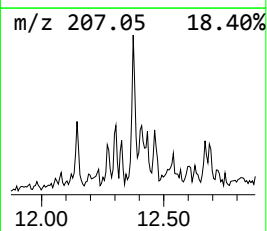
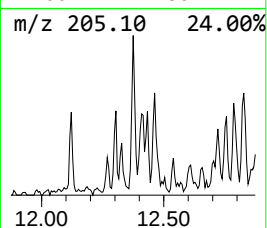
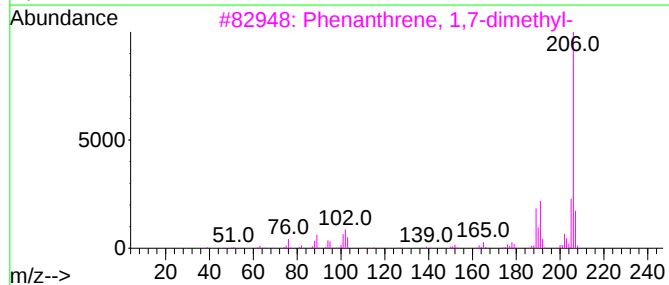
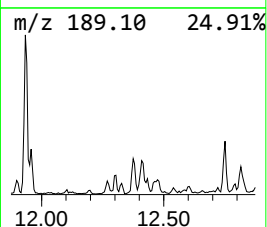
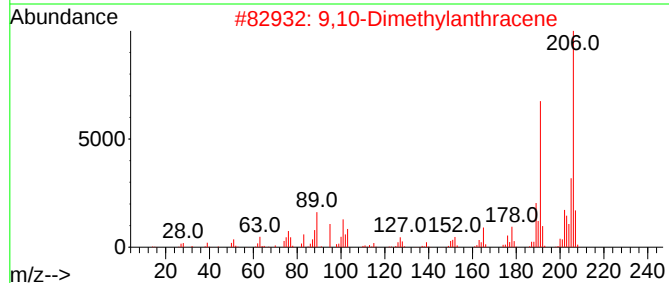
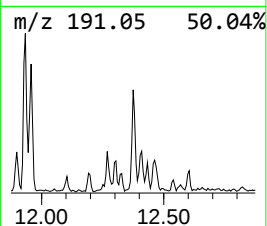
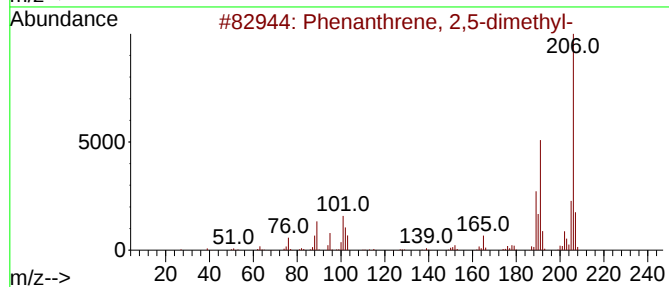
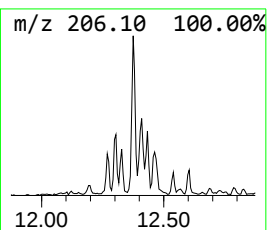
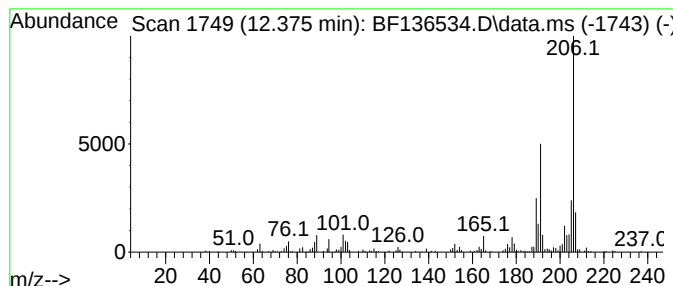
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	5.37 ng	173994	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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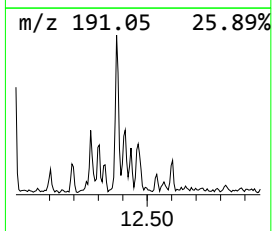
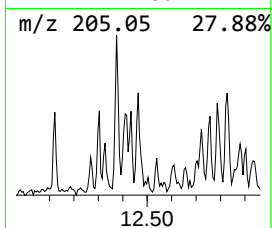
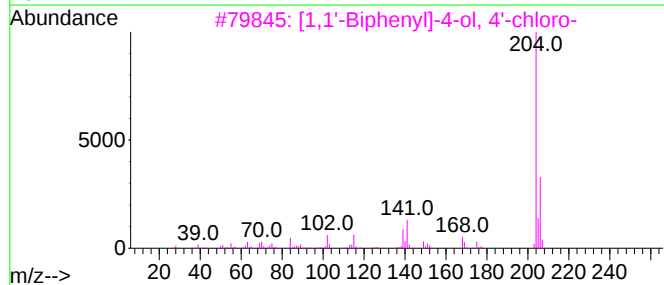
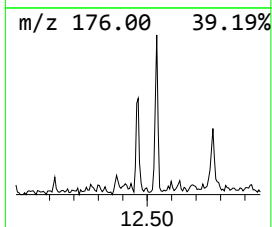
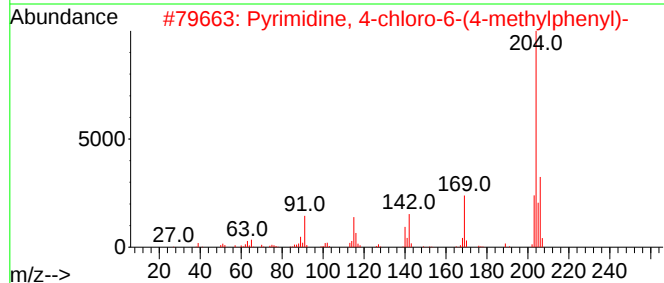
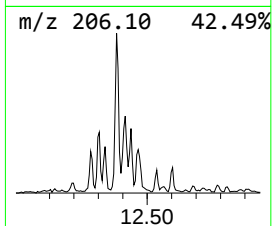
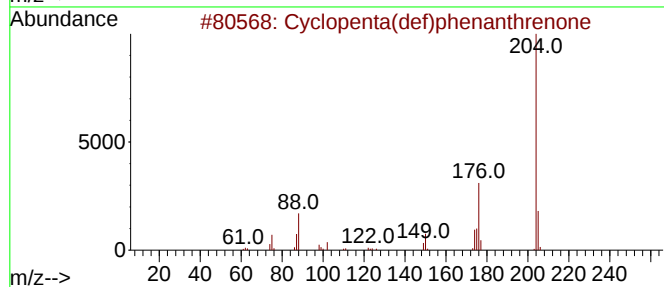
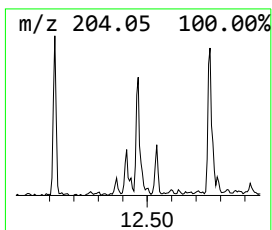
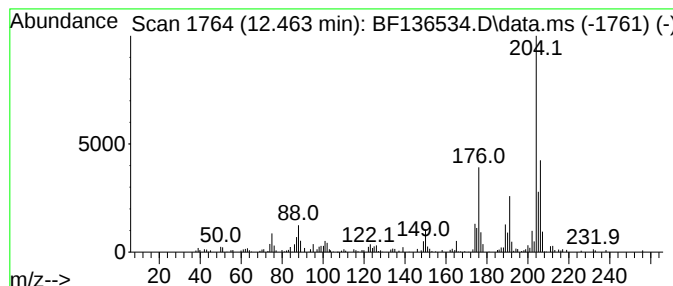
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.463	3.63 ng	117667	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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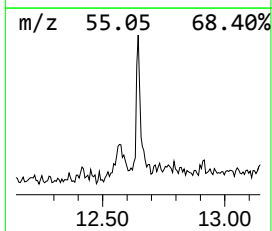
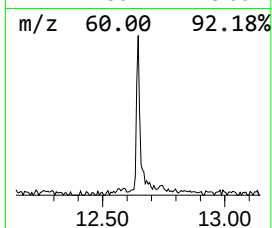
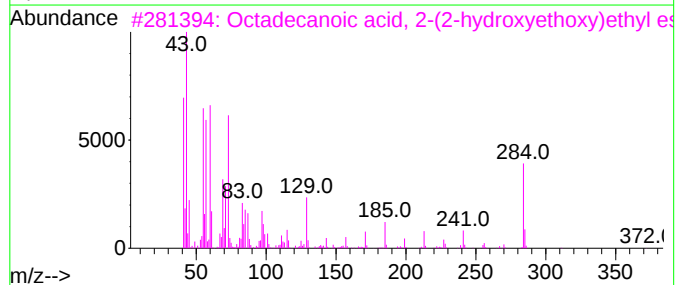
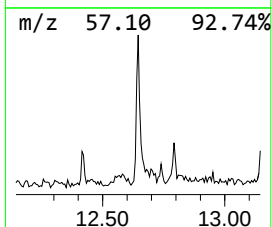
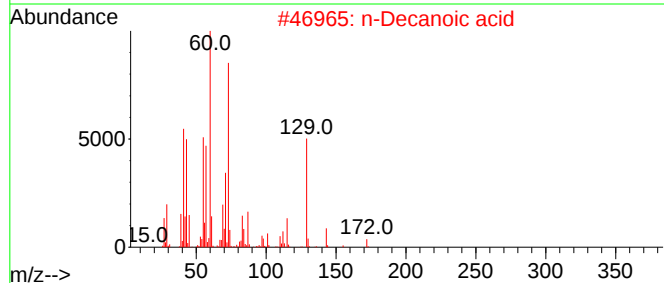
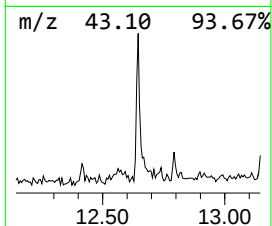
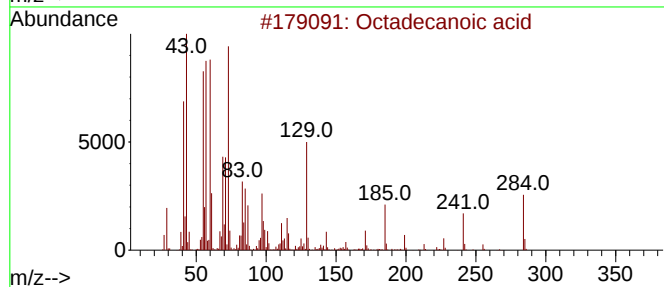
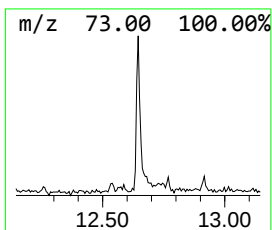
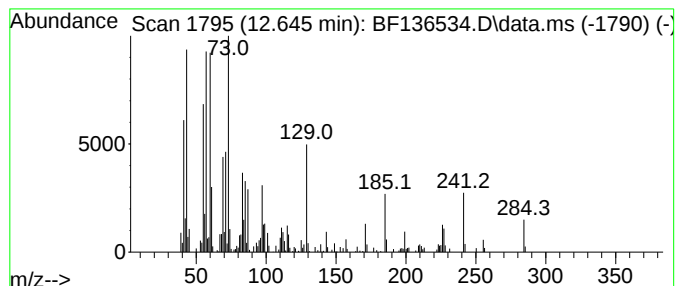
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.645	5.14 ng	166447	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	92
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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Acq On : 13 Dec 2023 13:05
Operator : CG\JU
Sample : 05657-01
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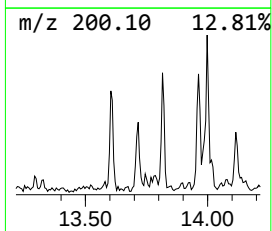
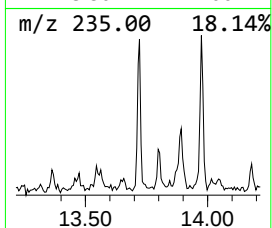
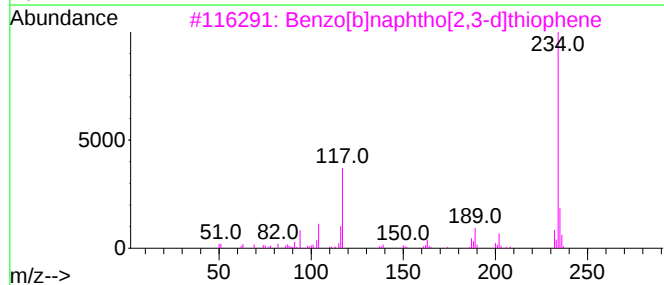
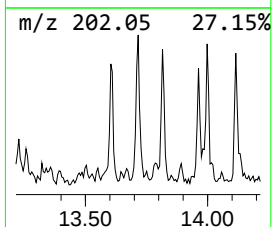
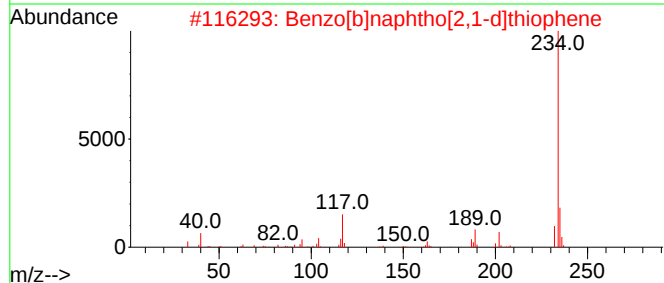
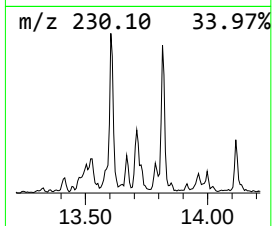
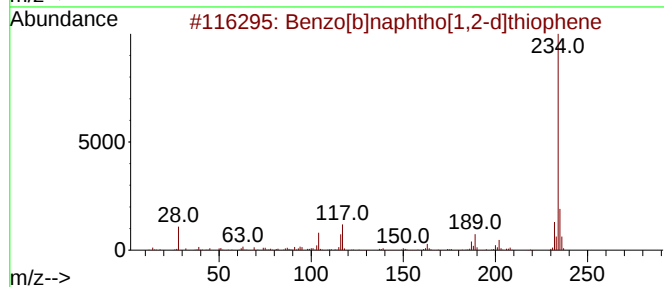
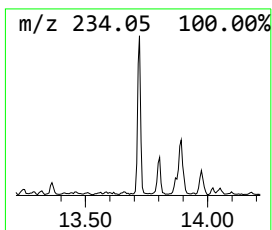
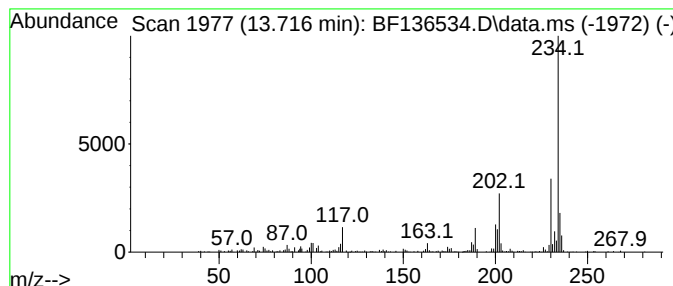
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[1,2-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.716	2.81 ng	204599	Chrysene-d12			13.974
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4		2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46
5		Benzo[1,2-b:4,3-b']dithiophene-4...	234	C11H6O2S2	041552-35-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
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Sample : 05657-01
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Instrument :
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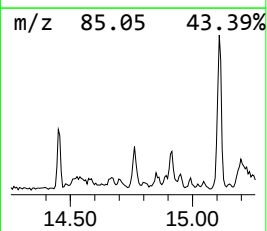
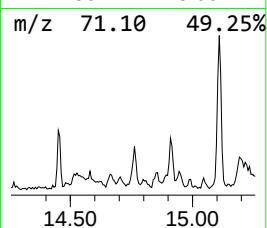
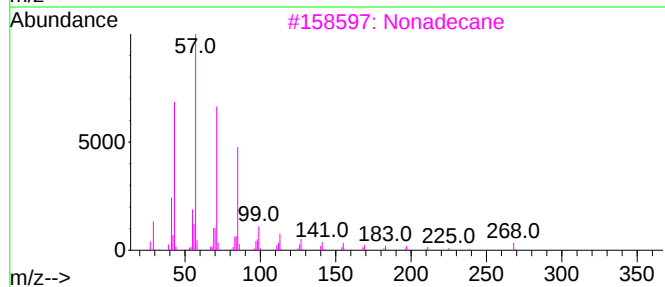
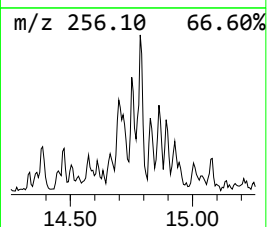
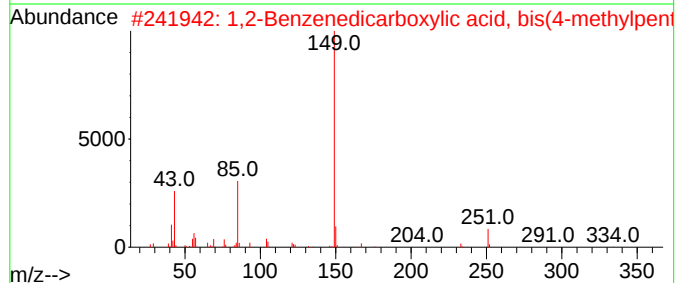
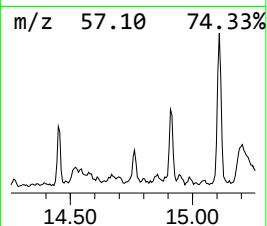
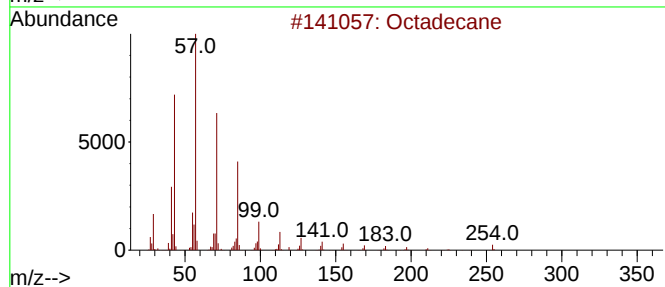
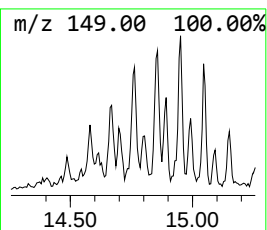
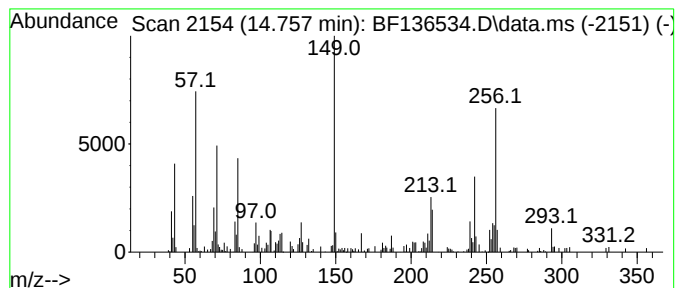
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	3.46 ng	109512	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	35
2			1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	27
3			Nonadecane	268	C19H40	000629-92-5	25
4			Tridecane	184	C13H28	000629-50-5	25
5			Pentadecane	212	C15H32	000629-62-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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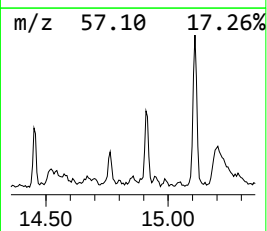
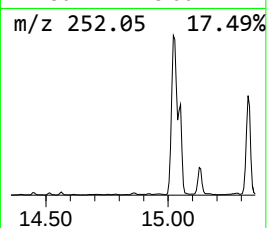
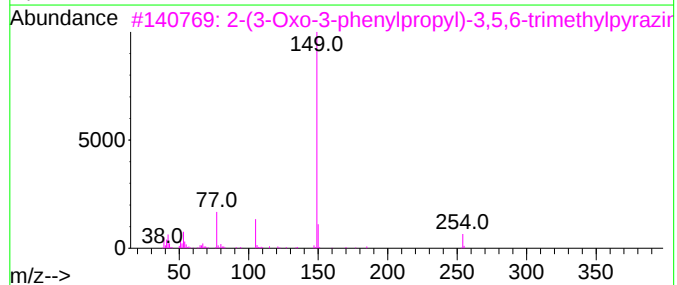
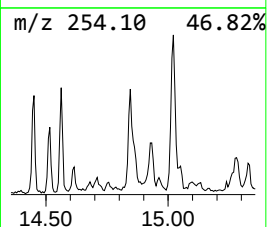
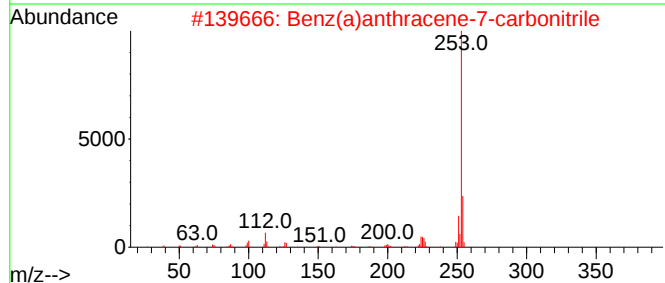
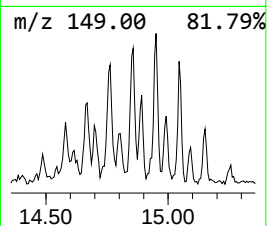
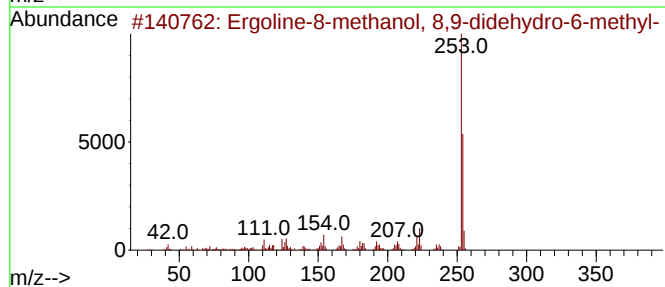
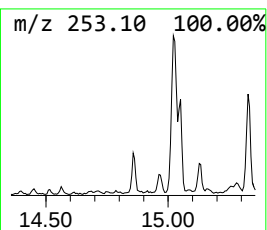
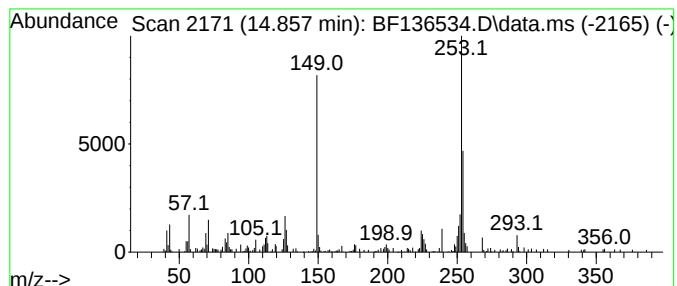
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.857 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.857	5.20 ng	164693	Perylene-d12	15.457	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	43
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	41
3	2-(3-Oxo-3-phenylpropyl)-3,5,6-t...	254	C16H18N2O	1010108-66-6	35
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ..	254	C16H18N2O	1000303-71-9	35
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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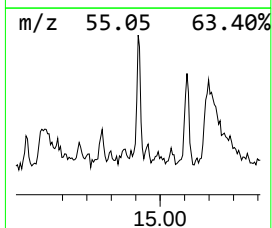
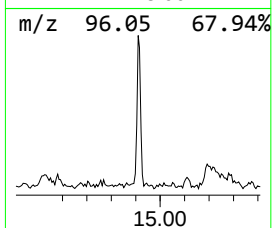
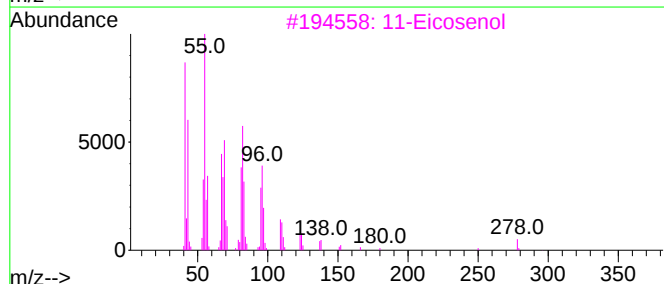
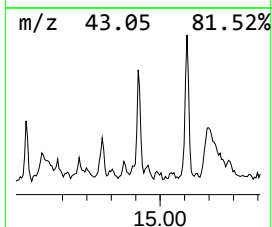
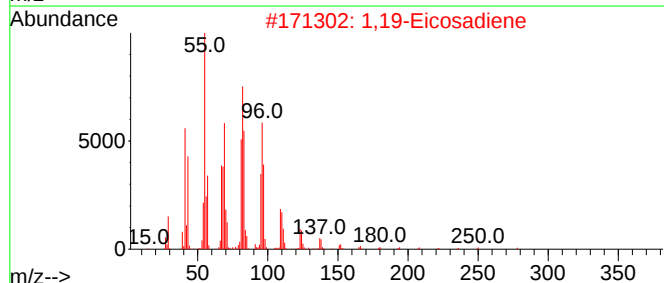
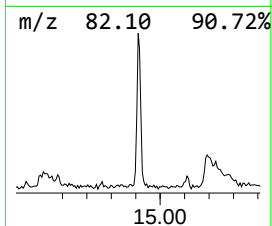
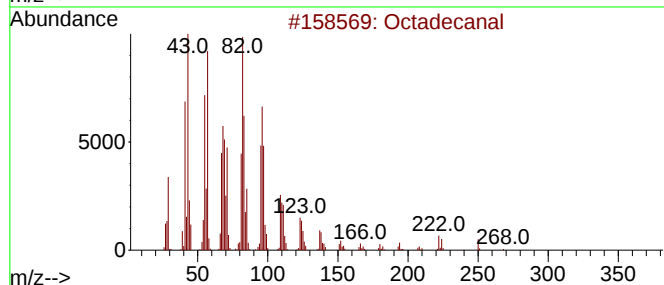
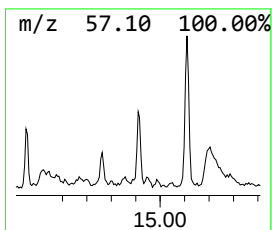
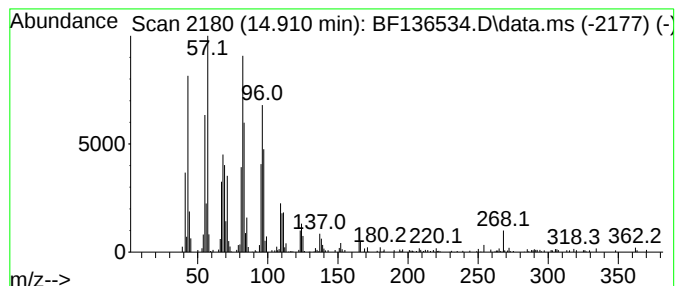
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	7.44 ng	235633	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			1,19-Eicosadiene	278	C20H38	014811-95-1	90
3			11-Eicosenol	296	C20H40O	1010424-20-3	86
4			Tetradecanal	212	C14H28O	000124-25-4	81
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
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Sample : 05657-01
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ClientSampleId :
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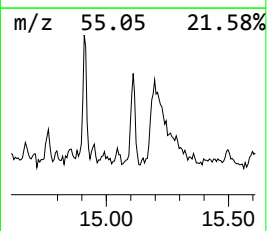
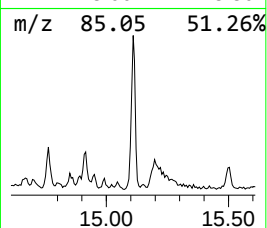
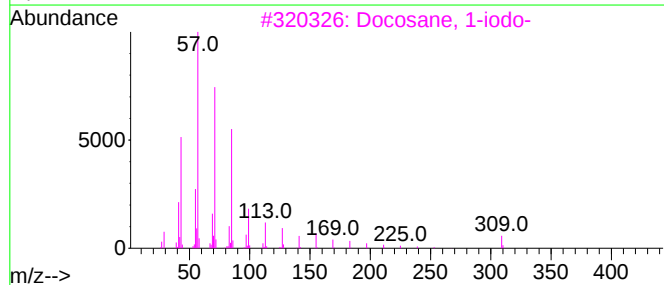
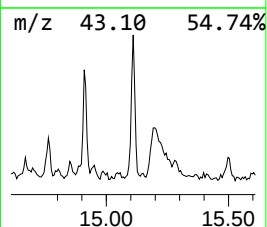
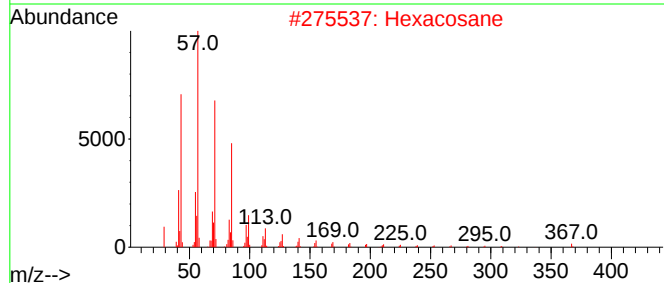
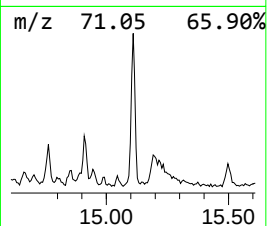
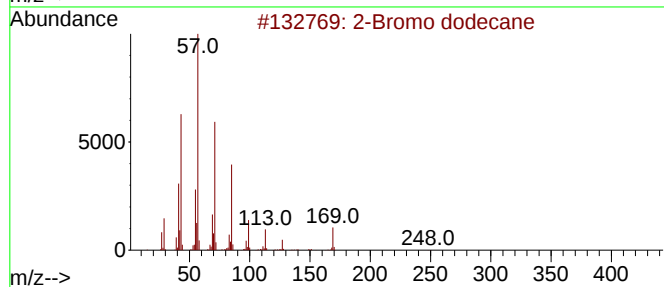
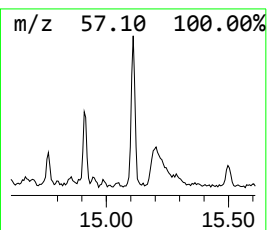
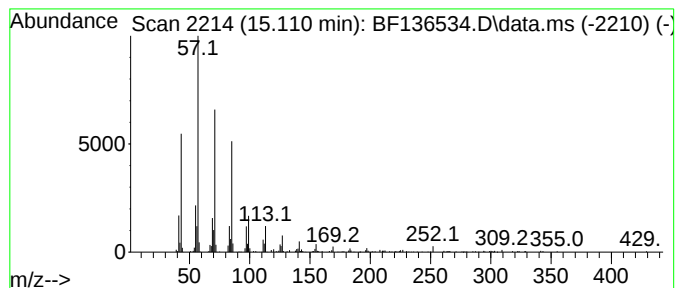
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	7.72 ng	244540	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2			Hexacosane	366	C26H54	000630-01-3	90
3			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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ClientSampleId :
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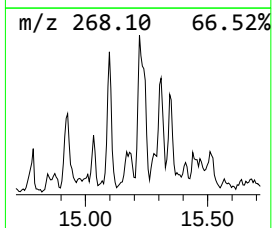
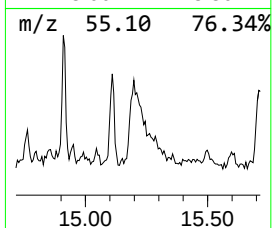
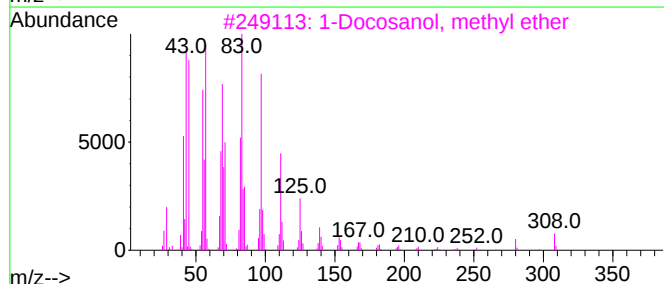
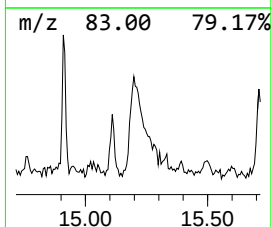
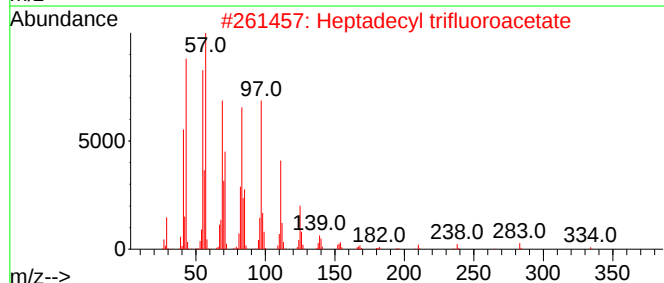
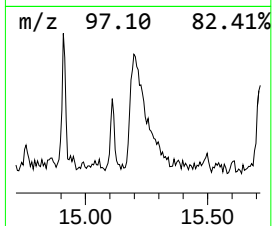
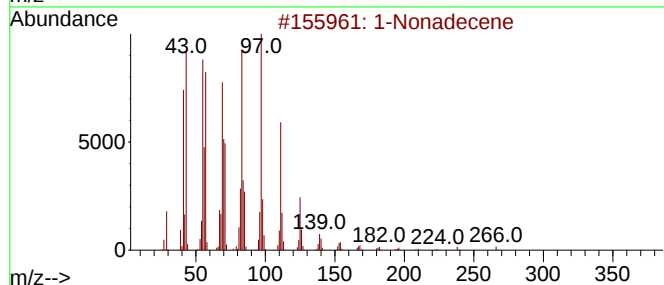
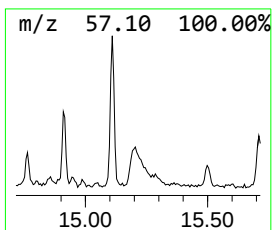
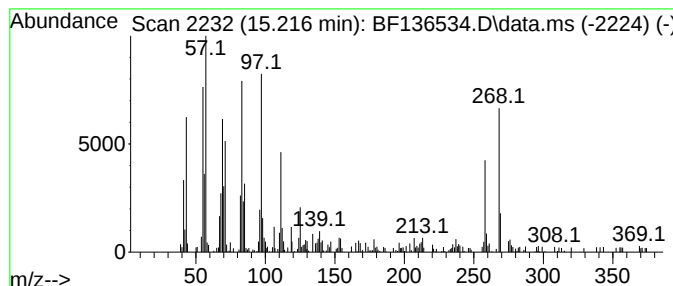
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	12.74 ng	403587	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	93
2	Heptadecyl trifluoroacetate			352	C19H35F3O2	1010351-87-0	90
3	1-Docosanol, methyl ether			340	C23H48O	1000333-91-9	90
4	Octacosanol			410	C28H58O	000557-61-9	90
5	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
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Sample : 05657-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
205-199

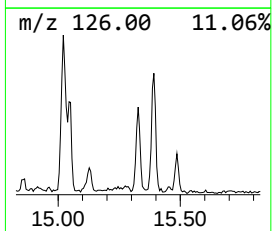
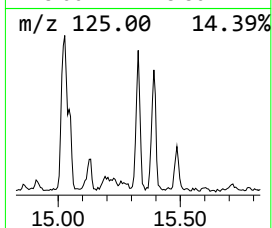
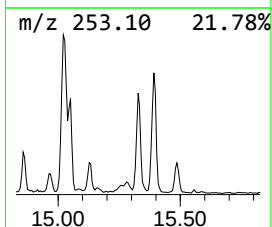
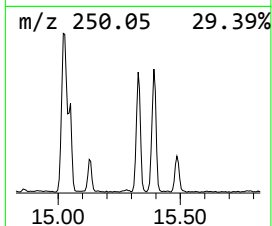
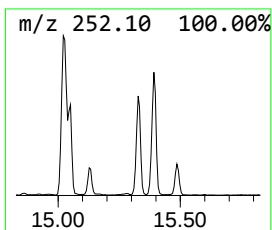
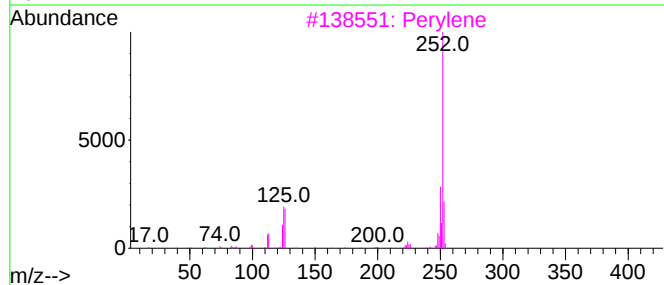
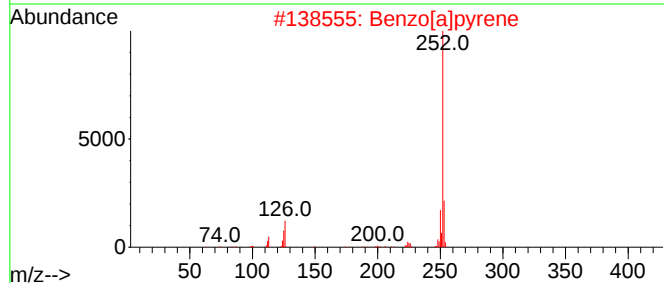
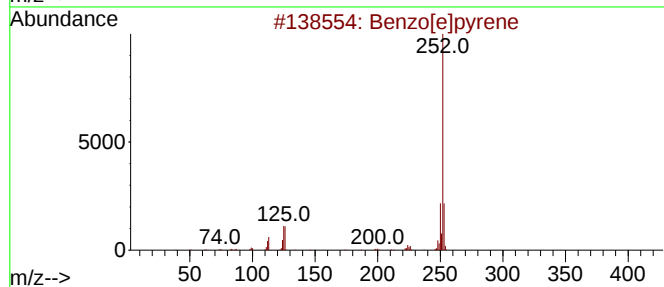
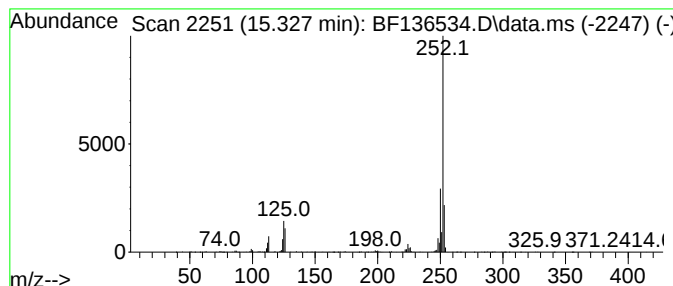
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	16.97 ng	537925	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Perylene	252	C20H12	000198-55-0	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
Operator : CG\JU
Sample : 05657-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
205-199

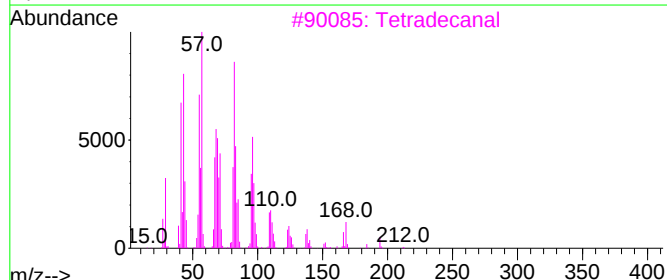
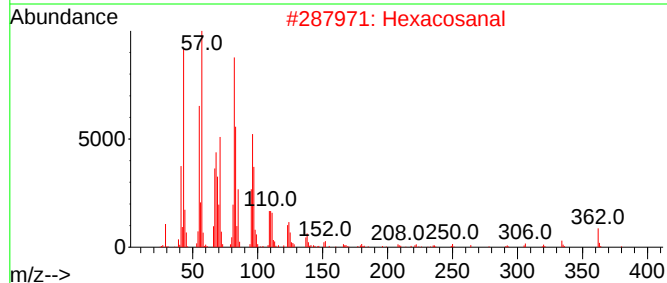
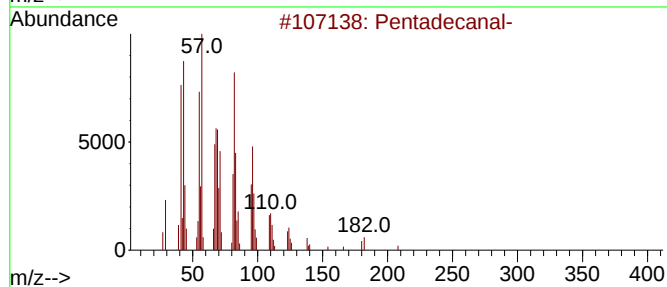
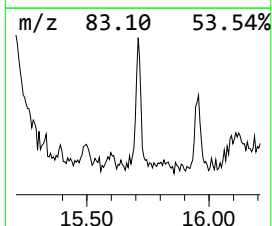
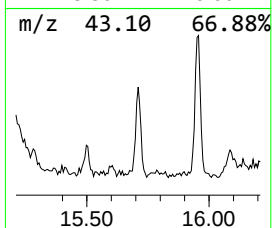
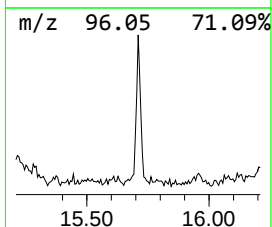
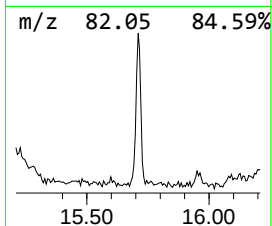
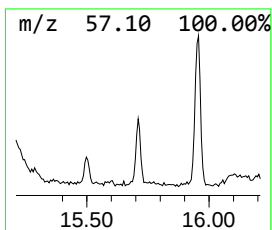
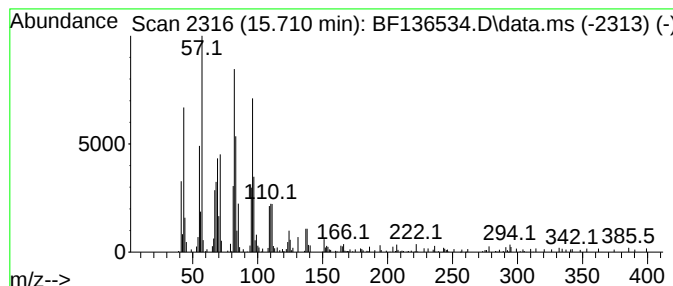
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecanal- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	6.37 ng	202011	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanal-	226	C15H30O	002765-11-9	90
2			Hexacosanal	380	C26H52O	026627-85-0	87
3			Tetradecanal	212	C14H28O	000124-25-4	86
4			Eicosanal-	296	C20H40O	002400-66-0	83
5			Octacosanal	408	C28H56O	022725-64-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
Operator : CG\JU
Sample : 05657-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
205-199

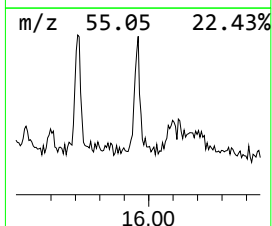
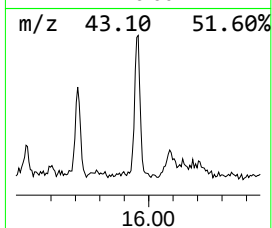
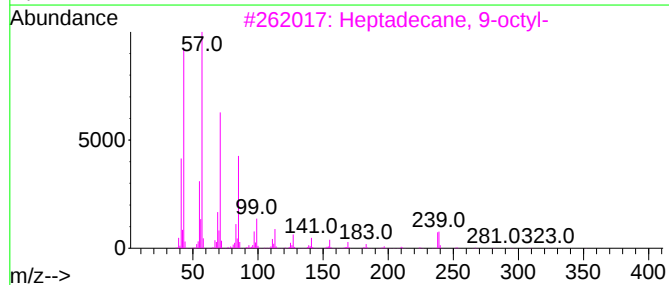
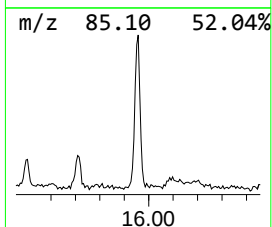
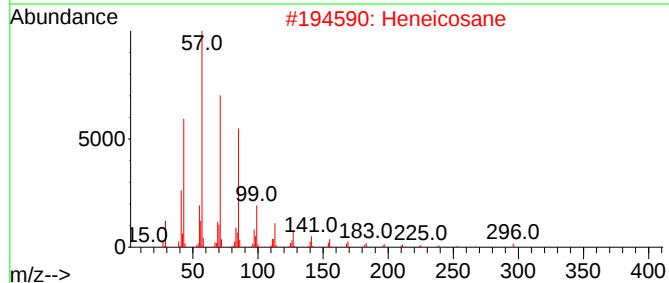
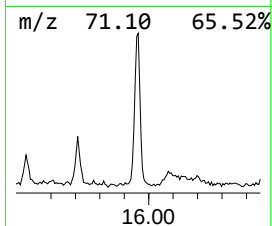
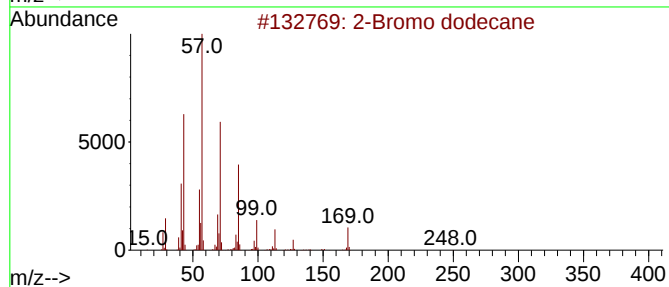
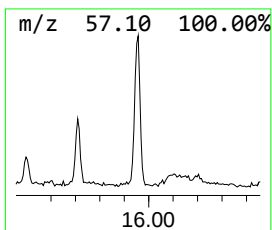
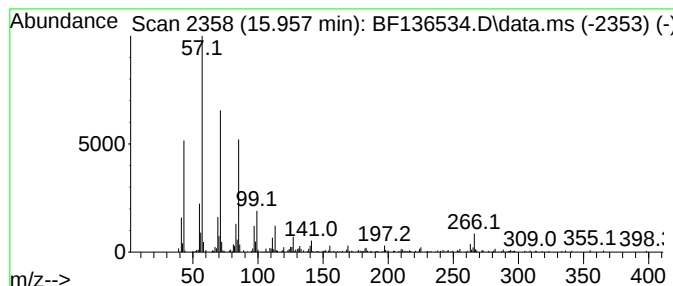
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	9.07 ng	287529	Perylene-d12	15.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
5		Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136534.D
Acq On : 13 Dec 2023 13:05
Operator : CG\JU
Sample : 05657-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
205-199

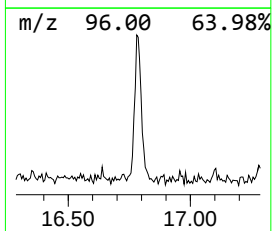
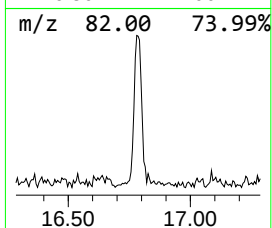
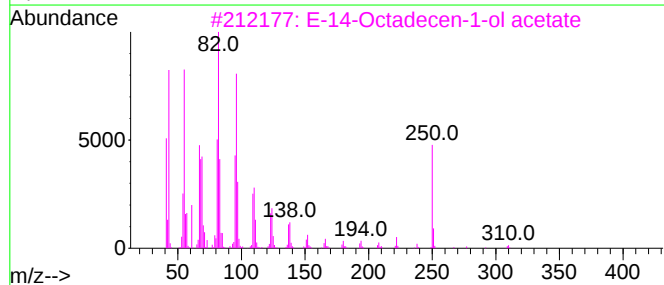
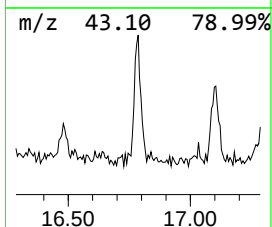
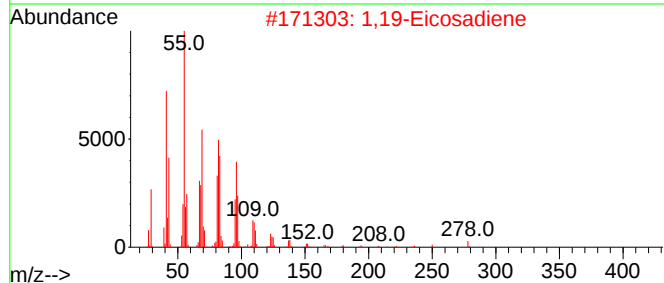
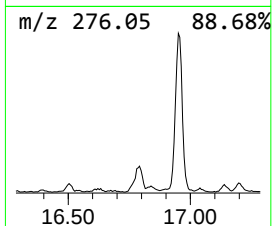
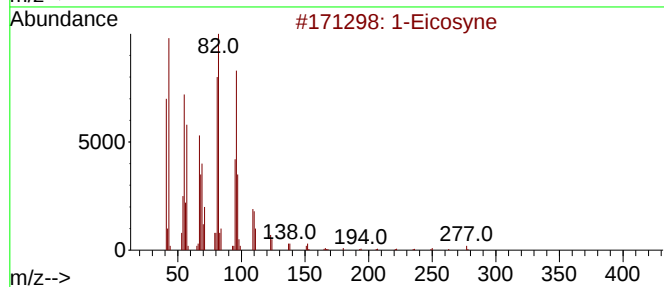
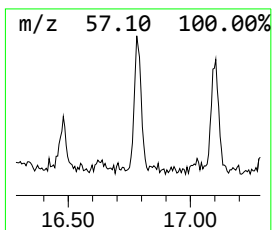
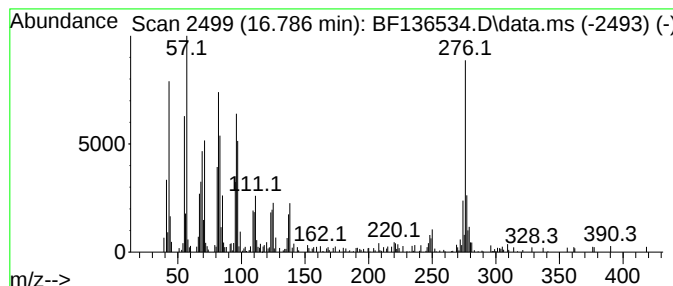
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Eicosyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	9.26 ng	293524	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosyne	278	C20H38	000765-27-5	70
2			1,19-Eicosadiene	278	C20H38	014811-95-1	66
3			E-14-Octadecen-1-ol acetate	310	C20H38O2	1000130-94-0	55
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	50
5			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136534.D
 Acq On : 13 Dec 2023 13:05
 Operator : CG\JU
 Sample : 05657-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 205-199

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
2-Pentanone, 4-...	5.028	11.7	ng	326711	1	6.793	558726	20.0
Phenanthrene, 1...	11.822	4.9	ng	159214	4	11.316	647695	20.0
n-Hexadecanoic ...	11.857	13.1	ng	424104	4	11.316	647695	20.0
4H-Cyclopenta[d...	11.933	7.2	ng	231844	4	11.316	647695	20.0
Anthracene, 2-m...	11.957	3.6	ng	118148	4	11.316	647695	20.0
Naphthalene, 2-...	12.122	3.3	ng	106231	4	11.316	647695	20.0
9,10-Anthracene...	12.145	3.4	ng	108875	4	11.316	647695	20.0
Phenanthrene, 2...	12.374	5.4	ng	173994	4	11.316	647695	20.0
Cyclopenta(def)...	12.463	3.6	ng	117667	4	11.316	647695	20.0
Octadecanoic acid	12.645	5.1	ng	166447	4	11.316	647695	20.0
Benzo[b]naphtho...	13.716	2.8	ng	204599	5	13.974	1455860	20.0
Octadecane	14.757	3.5	ng	109512	6	15.457	633800	20.0
unknown14.857	14.857	5.2	ng	164693	6	15.457	633800	20.0
Octadecanal	14.910	7.4	ng	235633	6	15.457	633800	20.0
2-Bromo dodecane	15.110	7.7	ng	244540	6	15.457	633800	20.0
1-Nonadecene	15.216	12.7	ng	403587	6	15.457	633800	20.0
Benzo[e]pyrene	15.327	17.0	ng	537925	6	15.457	633800	20.0
Pentadecanal-	15.710	6.4	ng	202011	6	15.457	633800	20.0
Heneicosane	15.957	9.1	ng	287529	6	15.457	633800	20.0
1-Eicosyne	16.786	9.3	ng	293524	6	15.457	633800	20.0