

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124752.D
 Acq On : 24 Jul 2021 17:39
 Operator : JU/CG
 Sample : M3128-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-358

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-BF072221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	6	9	12	rBB	4761	5021	4.81%	0.318%
2	5.475	573	576	580	rBB	64496	60032	57.57%	3.806%
3	6.487	744	748	751	rBB	74737	64845	62.18%	4.111%
4	6.869	810	813	816	rBB	57214	43236	41.46%	2.741%
5	7.428	905	908	911	rBB	50696	41235	39.54%	2.614%
6	7.551	927	929	931	rBB	5893	3316	3.18%	0.210%
7	8.051	1011	1014	1018	rBB	18509	12792	12.27%	0.811%
8	8.151	1028	1031	1034	rBV	63329	54727	52.48%	3.470%
9	8.575	1100	1103	1105	rBB	3310	2484	2.38%	0.157%
10	9.169	1202	1204	1208	rVB	5537	4416	4.23%	0.280%
11	9.228	1211	1214	1217	rBV	81242	56966	54.63%	3.612%
12	9.310	1224	1228	1233	rBV2	4269	5562	5.33%	0.353%
13	9.628	1278	1282	1284	rBV	9274	8174	7.84%	0.518%
14	9.769	1302	1306	1309	rBB	7527	6737	6.46%	0.427%
15	9.839	1316	1318	1322	rVV	3701	3855	3.70%	0.244%
16	9.910	1326	1330	1333	rVB	77889	58742	56.33%	3.724%
17	9.939	1333	1335	1338	rBV2	4612	3757	3.60%	0.238%
18	10.063	1352	1356	1360	rBV2	2036	3111	2.98%	0.197%
19	10.110	1360	1364	1367	rVV2	4537	6504	6.24%	0.412%
20	10.157	1369	1372	1377	rBV3	2263	3734	3.58%	0.237%
21	10.333	1401	1402	1405	rVB	4011	3096	2.97%	0.196%
22	10.363	1405	1407	1411	rBV2	2609	3018	2.89%	0.191%
23	10.457	1419	1423	1426	rBV	8014	7855	7.53%	0.498%
24	10.557	1434	1440	1444	rVB	7523	8779	8.42%	0.557%
25	10.610	1444	1449	1452	rVB2	2851	3261	3.13%	0.207%
26	10.692	1461	1463	1466	rVB	43093	31936	30.62%	2.025%
27	10.822	1481	1485	1488	rBV	11514	12881	12.35%	0.817%
28	10.998	1512	1515	1518	rVV	2545	3865	3.71%	0.245%
29	11.028	1518	1520	1525	rVV3	3299	4793	4.60%	0.304%
30	11.086	1525	1530	1534	rVB2	2115	3446	3.30%	0.218%
31	11.198	1545	1549	1554	rVV2	3395	3785	3.63%	0.240%
32	11.292	1561	1565	1567	rVV	11627	9890	9.48%	0.627%
33	11.398	1579	1583	1585	rVV	53584	47600	45.65%	3.018%
34	11.422	1585	1587	1590	rVV	102017	76559	73.41%	4.854%
35	11.469	1590	1595	1598	rVV	21852	18039	17.30%	1.144%
36	11.622	1619	1621	1626	rVB	7320	8568	8.22%	0.543%

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37	11.686	1631	1632	1636	rVB2	4678	3329	3.19%	0.211%
38	11.898	1666	1668	1670	rVV	8474	7349	7.05%	0.466%
39	11.922	1670	1672	1675	rVV	9970	10974	10.52%	0.696%
40	11.951	1675	1677	1679	rVV	11432	8752	8.39%	0.555%
41	11.975	1679	1681	1683	rVV	5858	4946	4.74%	0.314%
42	12.010	1683	1687	1689	rVV2	18680	18575	17.81%	1.178%
43	12.033	1689	1691	1695	rVB	7021	5592	5.36%	0.355%
44	12.192	1716	1718	1720	rBV	5917	4398	4.22%	0.279%
45	12.216	1720	1722	1724	rVB	5449	3995	3.83%	0.253%
46	12.374	1746	1749	1751	rVV2	3471	3688	3.54%	0.234%
47	12.398	1751	1753	1756	rVB	4169	3304	3.17%	0.209%
48	12.451	1758	1762	1764	rVV2	8284	8551	8.20%	0.542%
49	12.486	1764	1768	1773	rVB2	7450	8490	8.14%	0.538%
50	12.533	1773	1776	1782	rVB4	5120	6915	6.63%	0.438%
51	12.616	1786	1790	1793	rVB	127650	104283	100.00%	6.612%
52	12.651	1793	1796	1798	rBV2	6430	4809	4.61%	0.305%
53	12.704	1802	1805	1806	rBV2	4201	3102	2.97%	0.197%
54	12.763	1813	1815	1816	rBV	4186	3098	2.97%	0.196%
55	12.845	1821	1829	1834	rBV	93056	103537	99.28%	6.565%
56	12.886	1834	1836	1841	rVB3	3663	4283	4.11%	0.272%
57	12.957	1845	1848	1849	rVV2	5216	3741	3.59%	0.237%
58	12.980	1849	1852	1858	rVB	42530	35122	33.68%	2.227%
59	13.057	1860	1865	1868	rVV3	7470	9591	9.20%	0.608%
60	13.163	1876	1883	1886	rBV	14350	22394	21.47%	1.420%
61	13.233	1892	1895	1898	rVV	10441	7892	7.57%	0.500%
62	13.269	1898	1901	1904	rVB2	9838	10013	9.60%	0.635%
63	13.333	1909	1912	1915	rBV4	2867	4068	3.90%	0.258%
64	13.363	1915	1917	1920	rVV	8922	7794	7.47%	0.494%
65	13.392	1920	1922	1925	rVB2	6646	5488	5.26%	0.348%
66	13.551	1946	1949	1950	rBV2	3806	3473	3.33%	0.220%
67	13.645	1963	1965	1967	rBV3	2040	2536	2.43%	0.161%
68	13.669	1967	1969	1973	rVB	7201	6976	6.69%	0.442%
69	13.786	1985	1989	1992	rVB3	7825	8594	8.24%	0.545%
70	13.816	1992	1994	1996	rBV	5843	4741	4.55%	0.301%
71	13.839	1996	1998	2002	rBV2	6022	7115	6.82%	0.451%
72	13.880	2002	2005	2008	rVV3	7429	6184	5.93%	0.392%
73	14.033	2023	2031	2034	rBV3	71423	96576	92.61%	6.123%
74	14.063	2034	2036	2039	rVB	46651	35392	33.94%	2.244%
75	14.145	2047	2050	2054	rVB3	3409	2888	2.77%	0.183%
76	14.263	2066	2070	2073	rVB4	3558	3769	3.61%	0.239%

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77	14.421	2093	2097	2100	rVB2	13191	13848	13.28%	0.878%
78	14.457	2100	2103	2106	rVB	7307	5688	5.45%	0.361%
79	14.498	2106	2110	2111	rBV2	4595	5462	5.24%	0.346%
80	14.545	2116	2118	2120	rVV3	6059	5530	5.30%	0.351%
81	14.568	2120	2122	2125	rVB4	4923	3730	3.58%	0.236%
82	14.916	2178	2181	2185	rVB5	3259	3226	3.09%	0.205%
83	14.957	2185	2188	2190	rVB4	2200	2446	2.35%	0.155%
84	14.974	2190	2191	2196	rBV2	3064	2961	2.84%	0.188%
85	15.080	2205	2209	2212	rBV	35308	52678	50.51%	3.340%
86	15.151	2219	2221	2225	rVB4	2904	2792	2.68%	0.177%
87	15.186	2225	2227	2230	rVB	6779	6625	6.35%	0.420%
88	15.386	2257	2261	2266	rVB	23912	28972	27.78%	1.837%
89	15.451	2267	2272	2276	rVV	32832	38808	37.21%	2.461%
90	15.515	2279	2283	2286	rVV	21077	26191	25.12%	1.661%
91	15.545	2286	2288	2293	rVB4	8298	10895	10.45%	0.691%
92	15.680	2309	2311	2314	rBV3	2253	2633	2.52%	0.167%
93	16.427	2435	2438	2440	rVB2	3262	3761	3.61%	0.238%
94	16.486	2445	2448	2452	rBV3	1456	2507	2.40%	0.159%
95	16.680	2476	2481	2486	rVB4	1674	3122	2.99%	0.198%
96	16.804	2498	2502	2505	rBV3	2083	3388	3.25%	0.215%
97	16.986	2527	2533	2539	rBV3	11839	21815	20.92%	1.383%
98	17.227	2570	2574	2575	rBV3	2770	3269	3.13%	0.207%
99	17.245	2575	2577	2584	rVB3	3453	4918	4.72%	0.312%
100	17.433	2604	2609	2616	rVB2	9943	18992	18.21%	1.204%

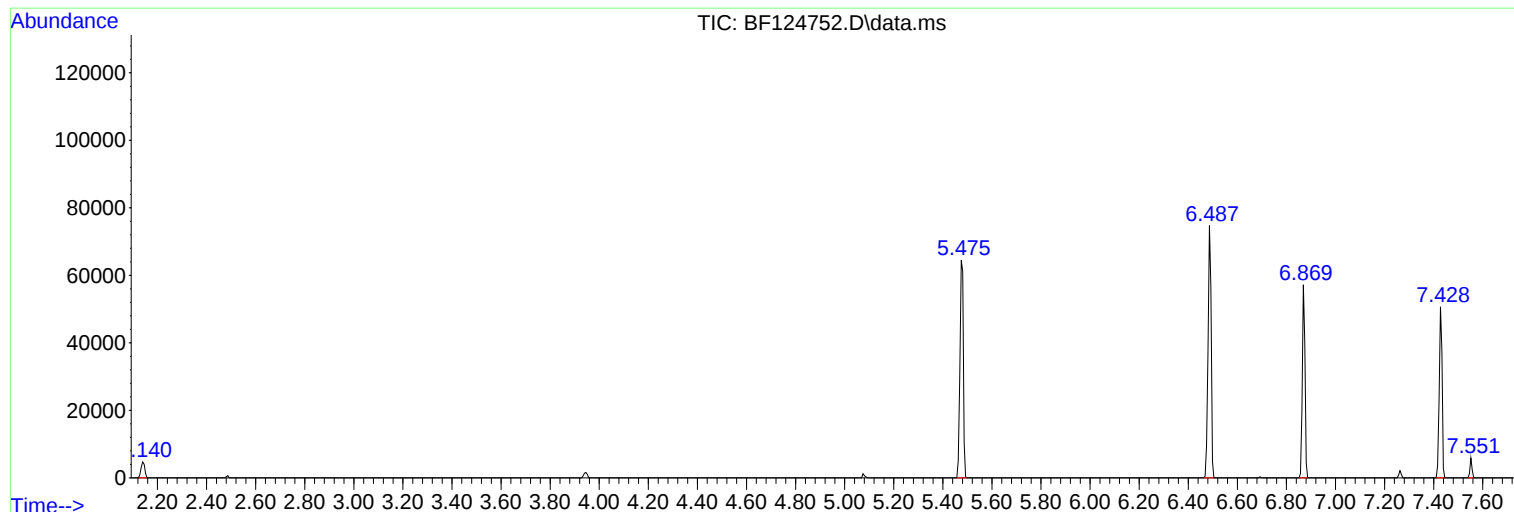
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Instrument :
BNA_F
ClientSampled :
ETGI-358

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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ETGI-358

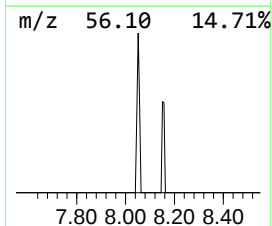
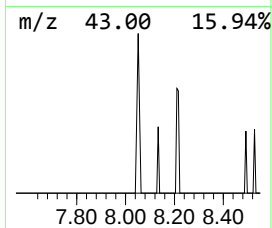
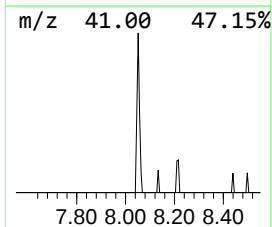
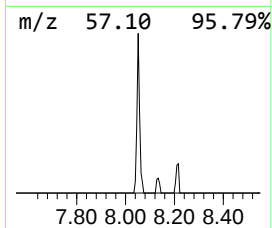
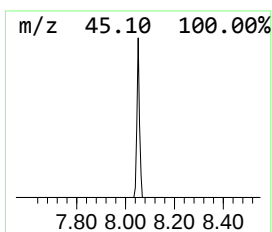
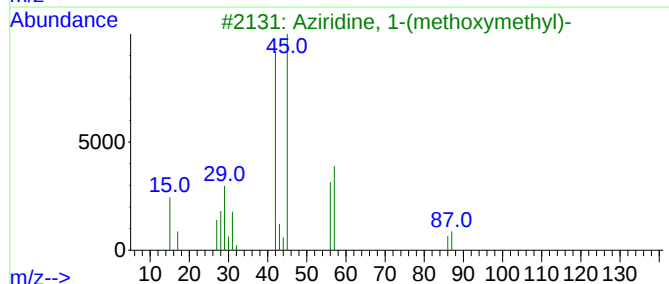
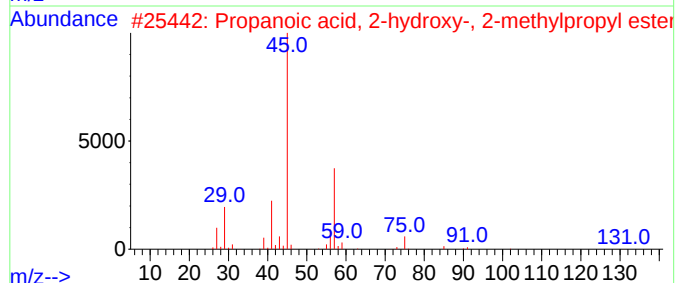
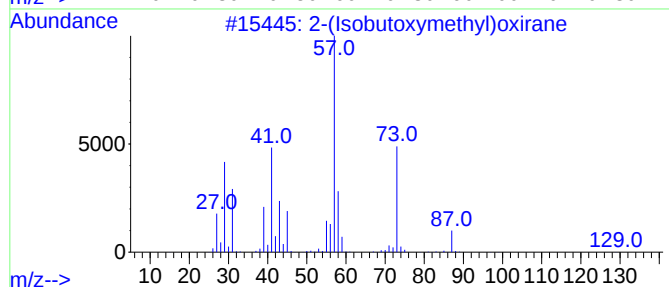
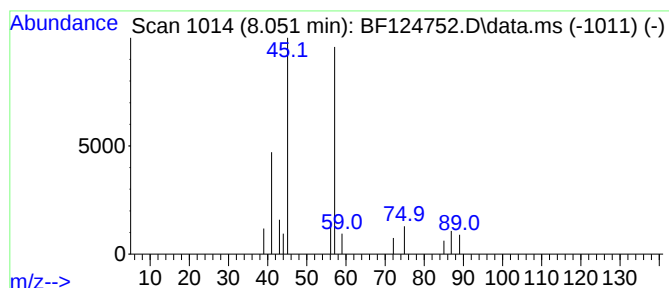
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.051 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	4.67 ng	12792	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Isobutoxymethyl)oxirane		130	C7H14O2		003814-55-9	9
2	Propanoic acid, 2-hydroxy-, 2-me...		146	C7H14O3		000585-24-0	9
3	Aziridine, 1-(methoxymethyl)-		87	C4H9NO		001497-83-2	7
4	4-Amino-1-butanol		89	C4H11NO		013325-10-5	7
5	Methane, nitroso-		45	CH3NO		000865-40-7	4



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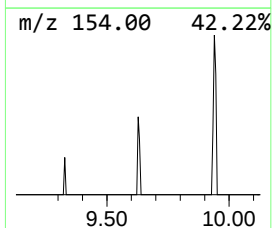
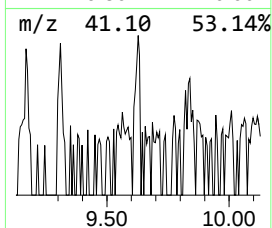
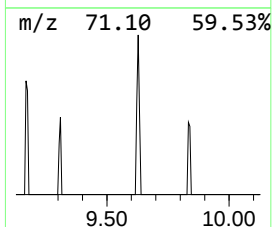
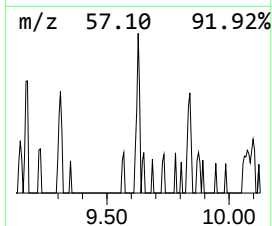
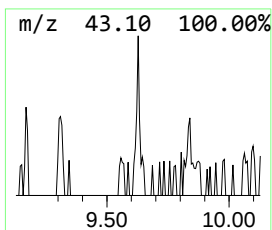
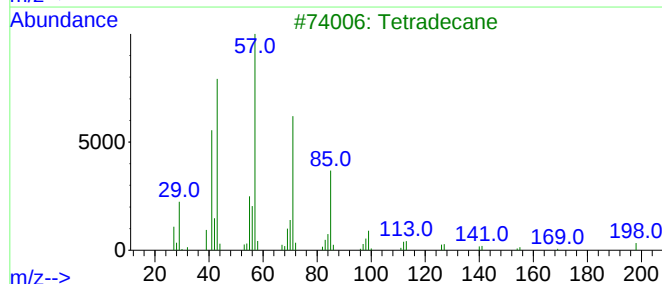
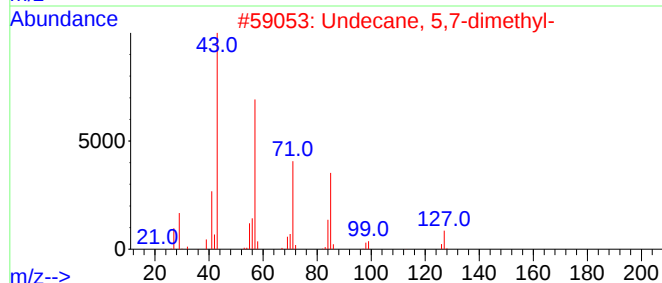
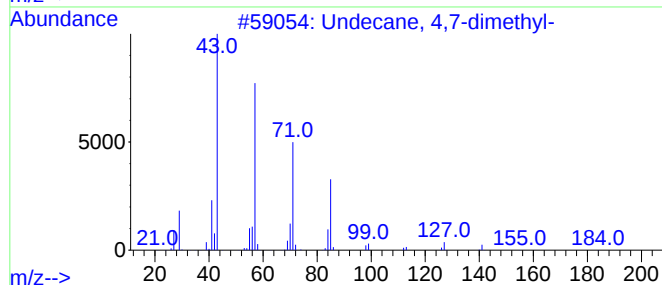
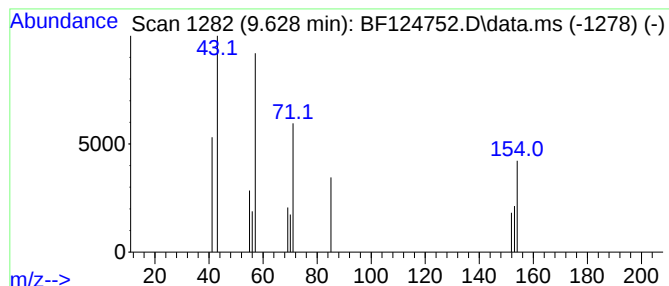
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.628 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	2.78 ng	8174	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	43
2			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43
3			Tetradecane	198	C14H30	000629-59-4	43
4			Dotriacontane	451	C32H66	000544-85-4	43
5			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	38



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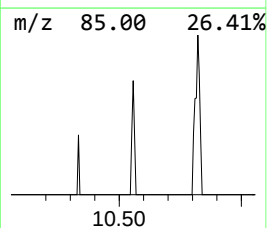
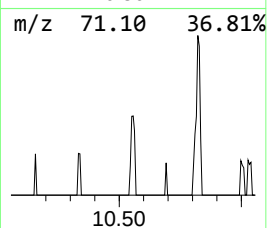
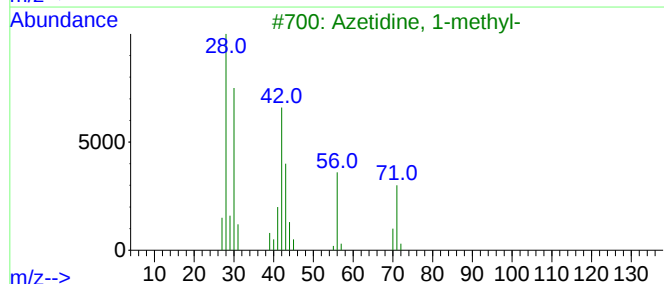
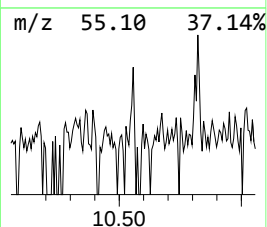
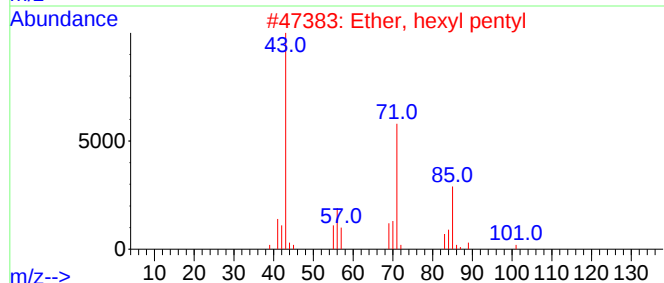
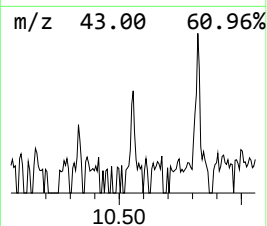
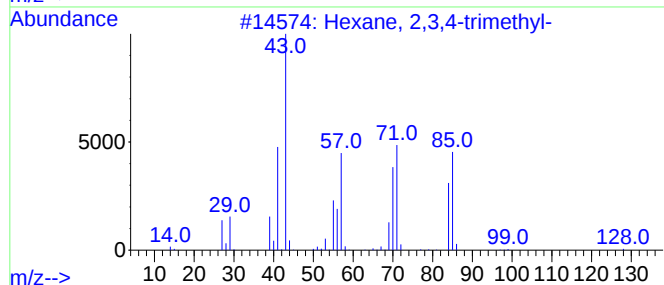
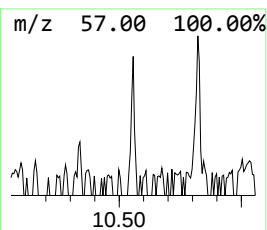
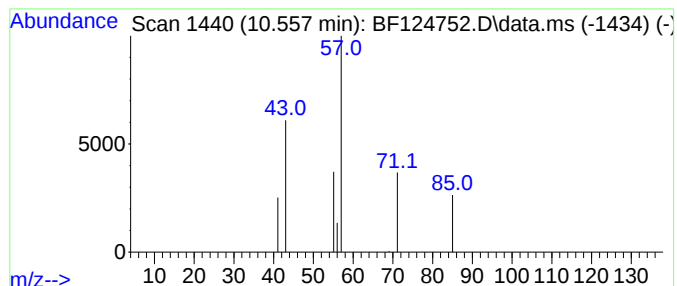
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown10.557 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	2.99 ng	8779	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	9
2			Ether, hexyl pentyl	172	C11H24O	032357-83-8	9
3			Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
4			Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5
5			(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	4



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Data File : BF124752.D
Acq On : 24 Jul 2021 17:39
Operator : JU/CG
Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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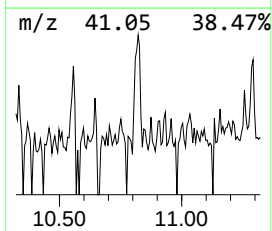
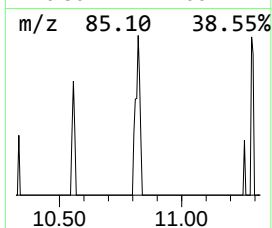
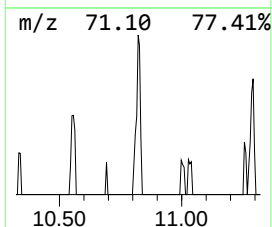
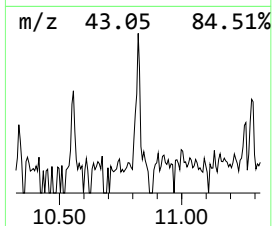
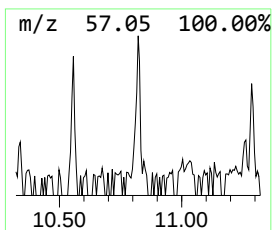
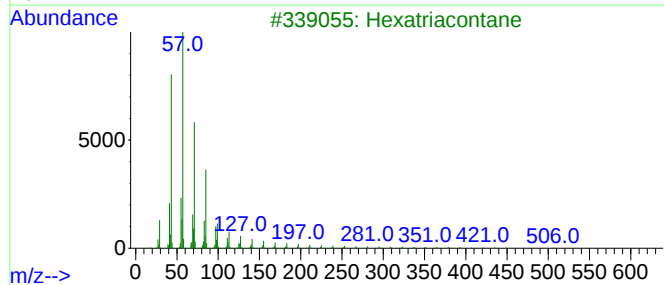
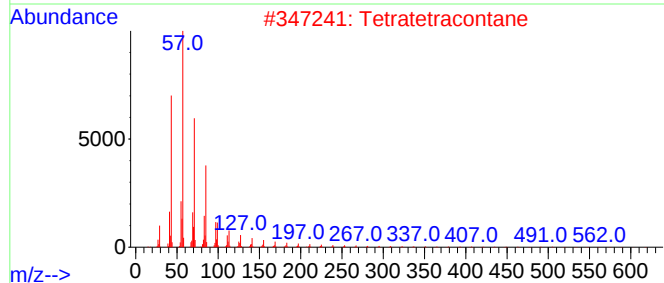
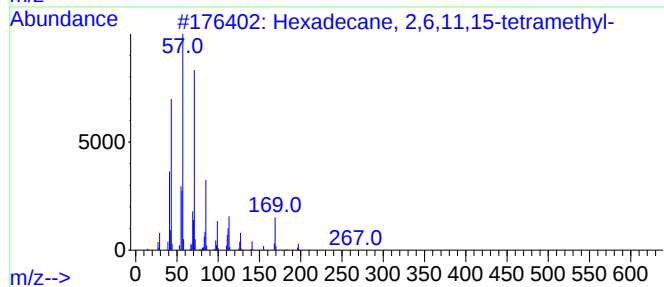
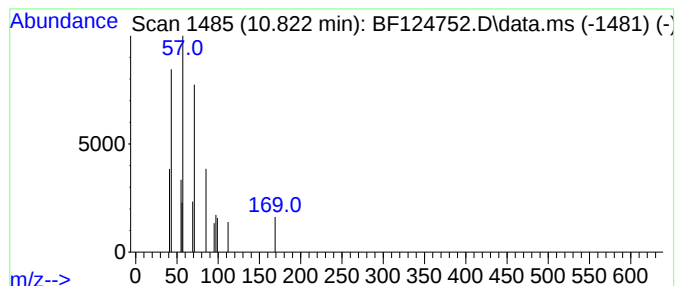
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	5.41 ng	12881	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
2			Tetratetracontane	619	C44H90	007098-22-8	72
3			Hexatriacontane	507	C36H74	000630-06-8	72
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
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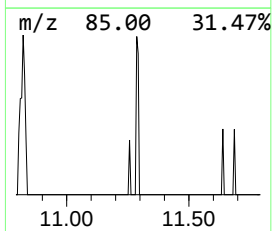
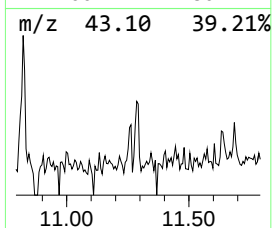
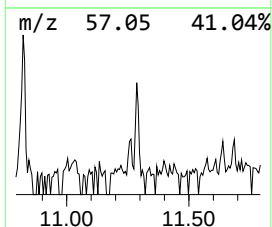
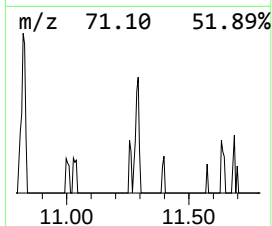
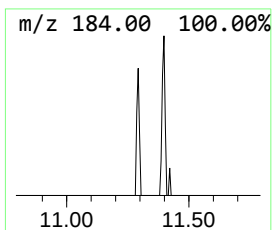
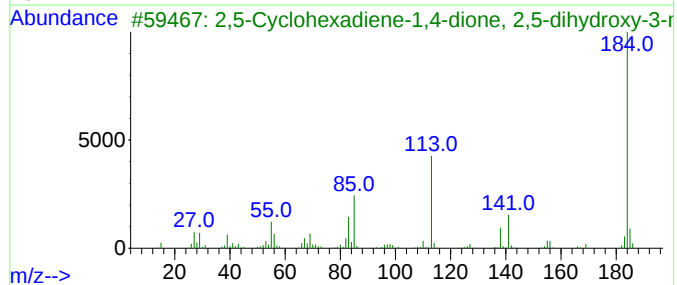
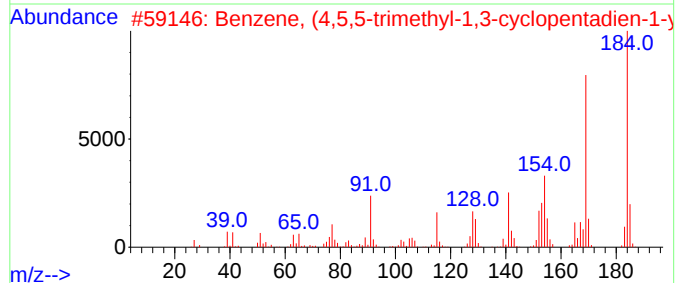
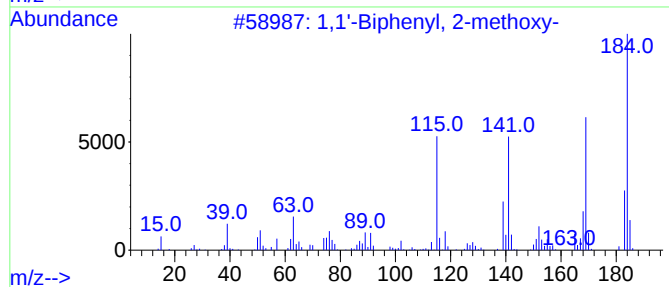
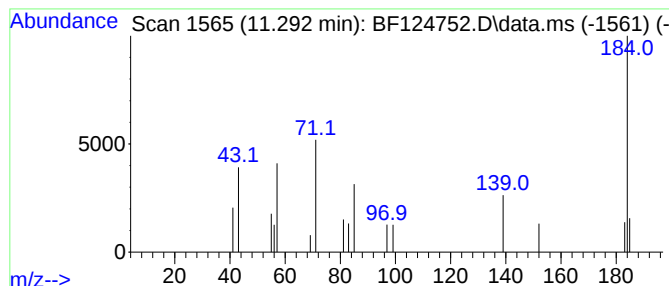
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.292 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	4.16 ng	9890	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43		
2	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	38		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	37		
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	32		
5	Benzidine	184	C12H12N2	000092-87-5	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
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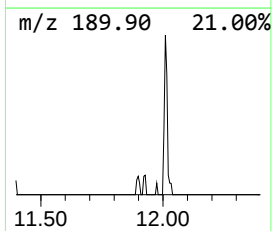
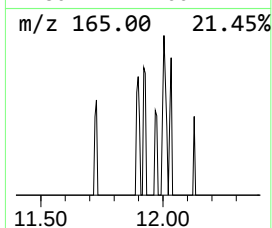
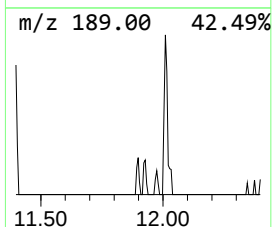
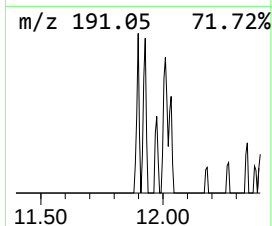
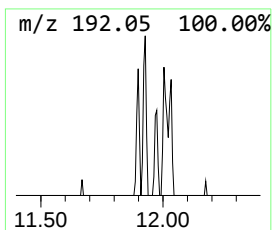
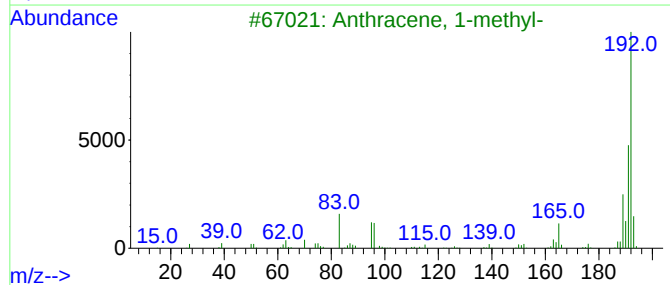
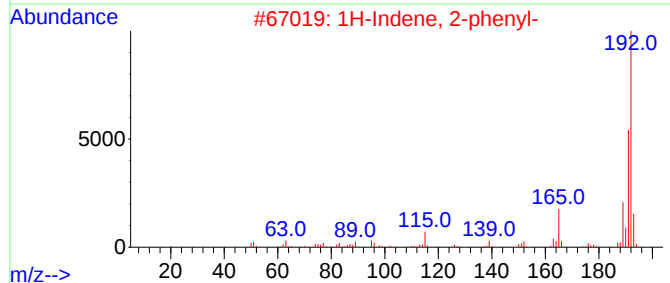
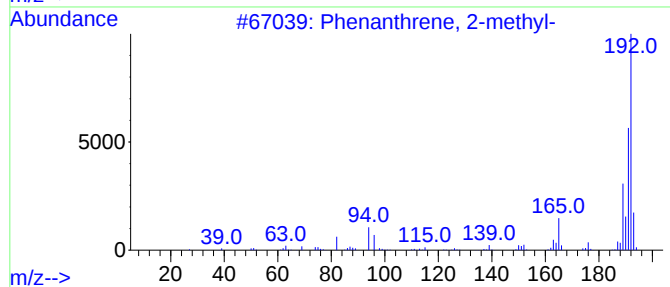
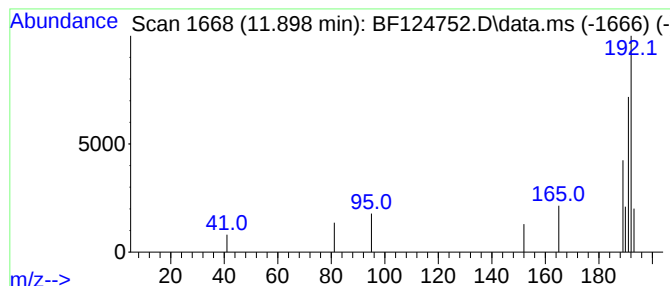
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.09 ng	7349	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	59
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
Acq On : 24 Jul 2021 17:39
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Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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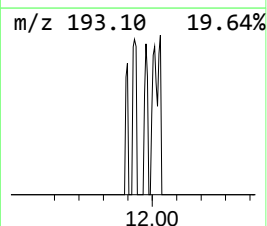
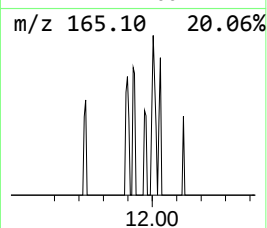
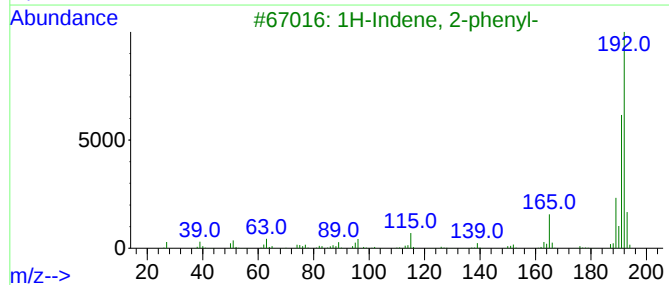
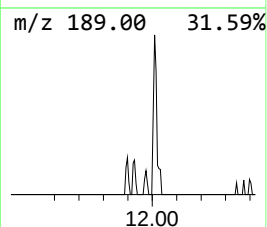
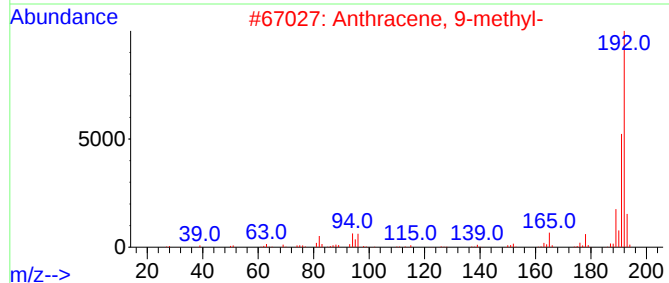
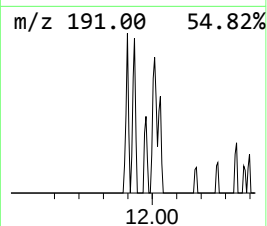
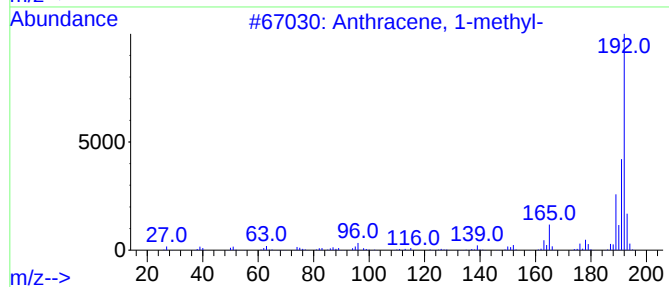
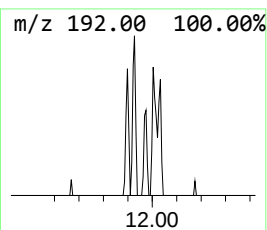
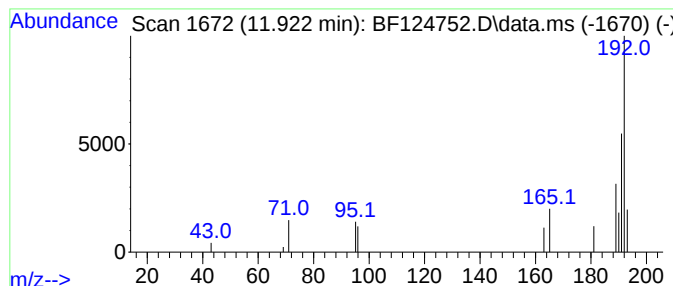
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.61 ng	10974	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
Acq On : 24 Jul 2021 17:39
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Instrument :
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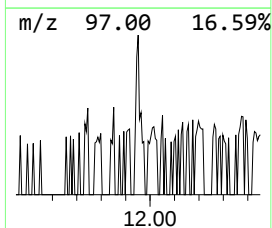
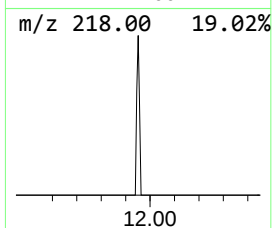
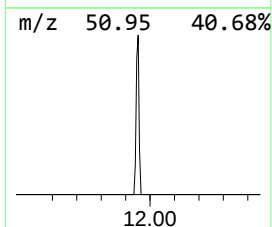
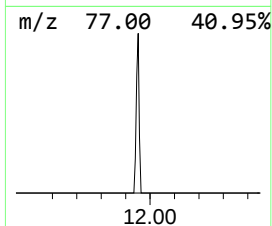
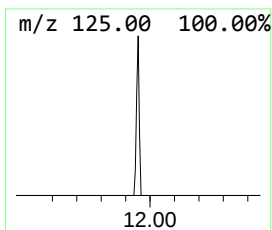
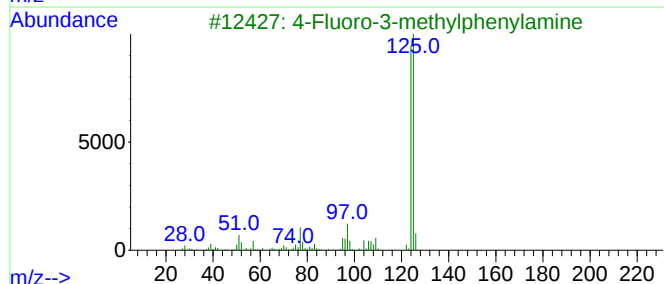
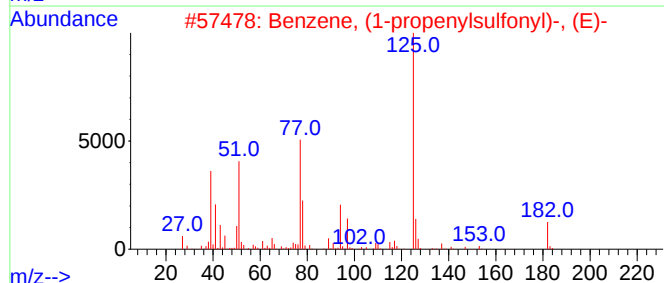
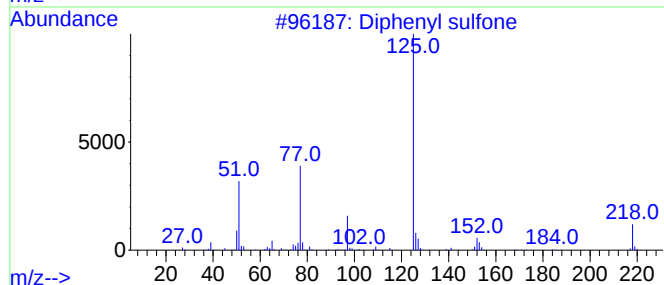
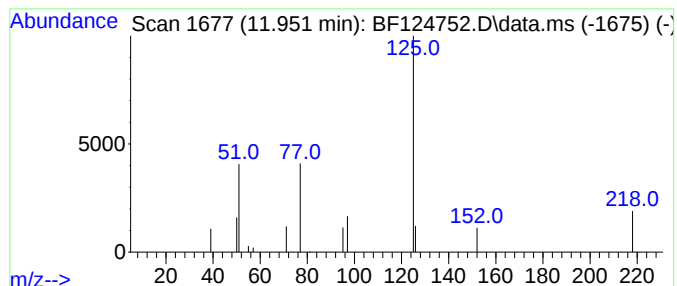
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Diphenyl sulfone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	3.68 ng	8752	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenyl sulfone	218	C12H10O2S	000127-63-9	78
2			Benzene, (1-propenylsulfonyl)-, ...	182	C9H10O2S	028691-72-7	64
3			4-Fluoro-3-methylphenylamine	125	C7H8FN	000452-69-7	37
4			2-Chloro-N-(2-fluoro-5-methylphe...	201	C9H9ClFNO	630119-82-3	36
5			2-Propenenitrile, 3-(phenylsulfo...	193	C9H7NO2S	001424-51-7	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
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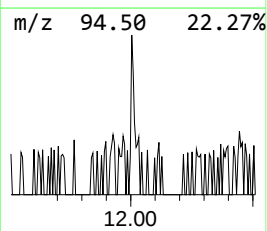
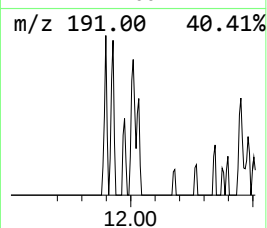
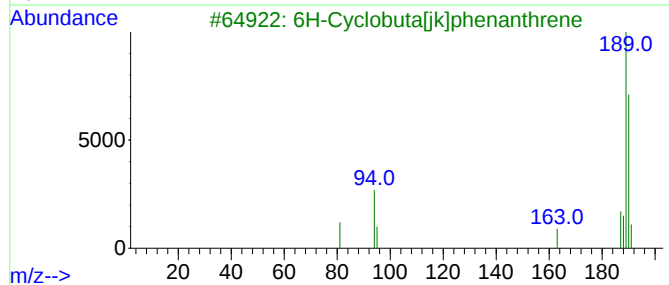
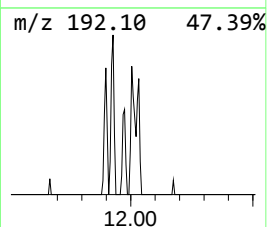
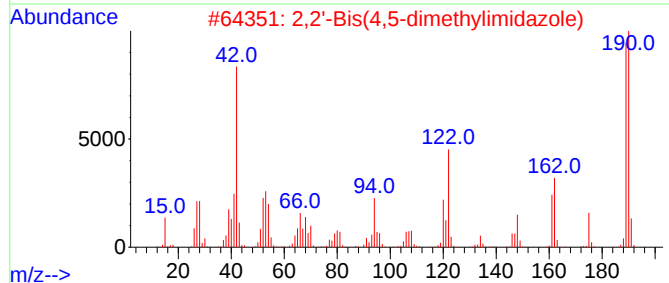
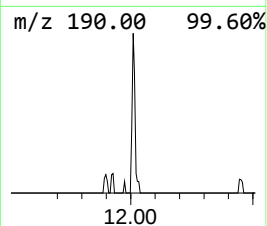
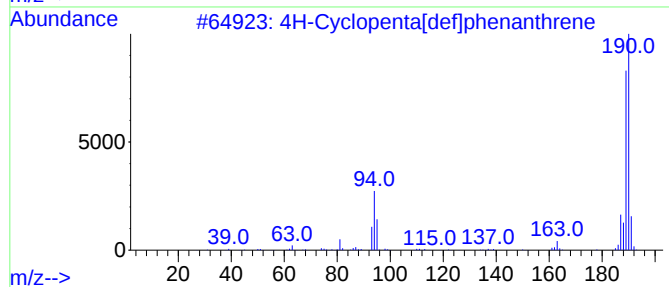
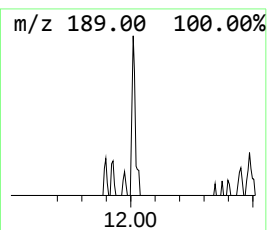
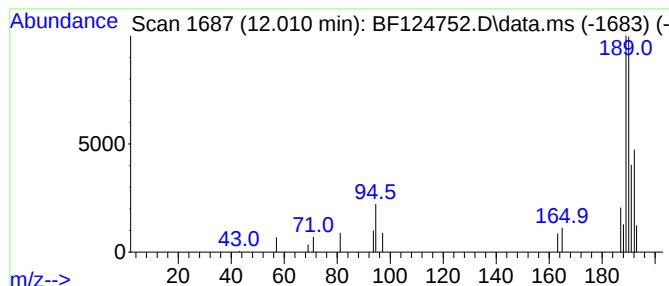
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	7.80 ng	18575	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5			Methyl diselenide	190	C2H6Se2	007101-31-7	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
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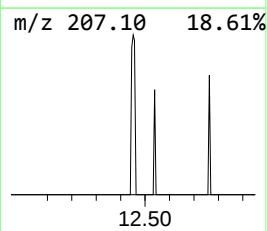
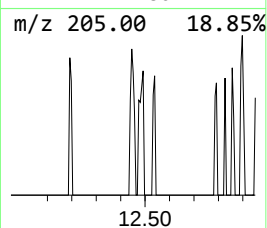
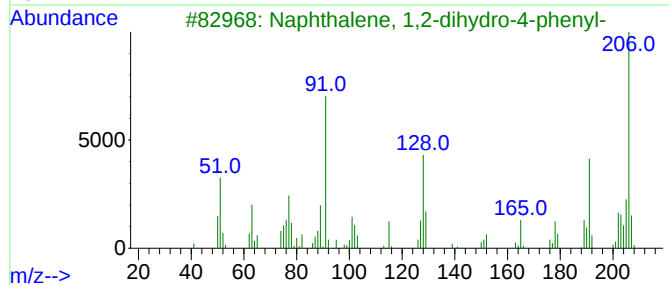
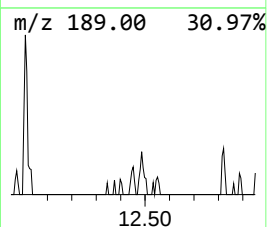
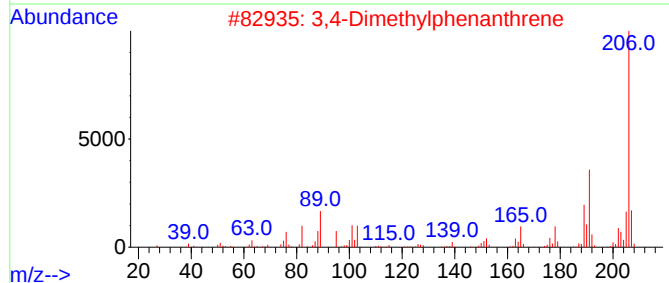
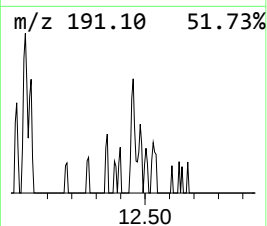
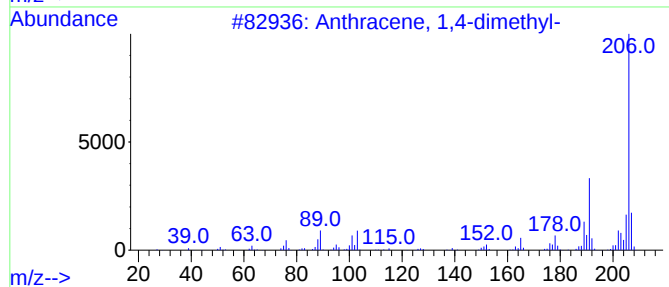
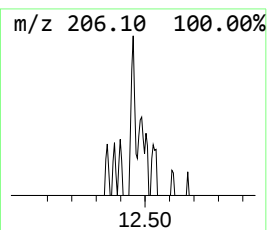
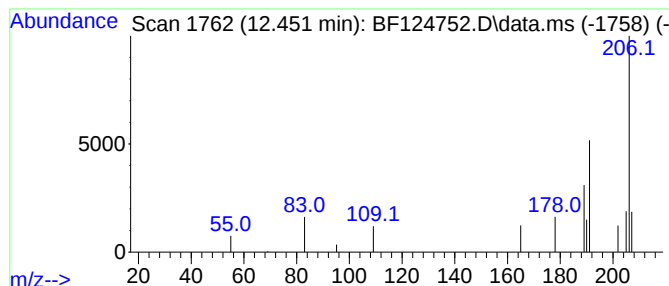
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	3.59 ng	8551	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	86
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
5			1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
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Acq On : 24 Jul 2021 17:39
Operator : JU/CG
Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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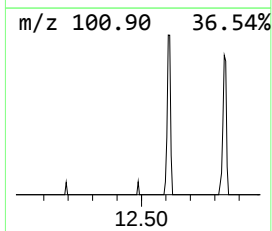
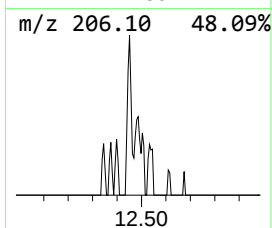
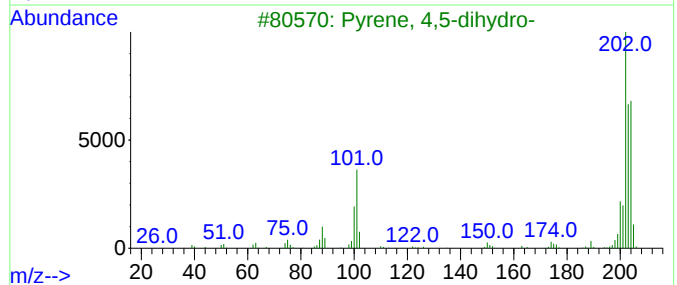
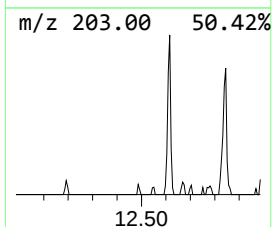
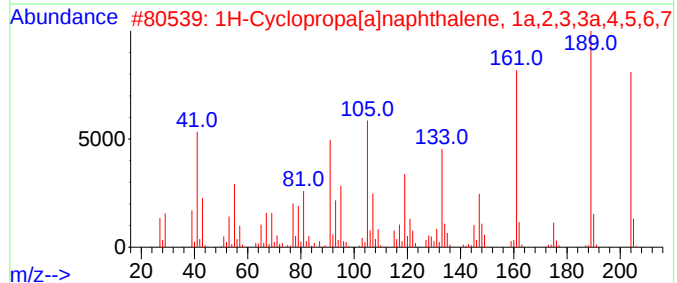
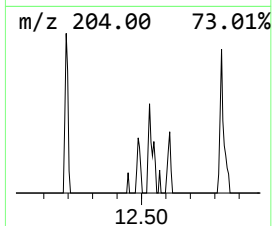
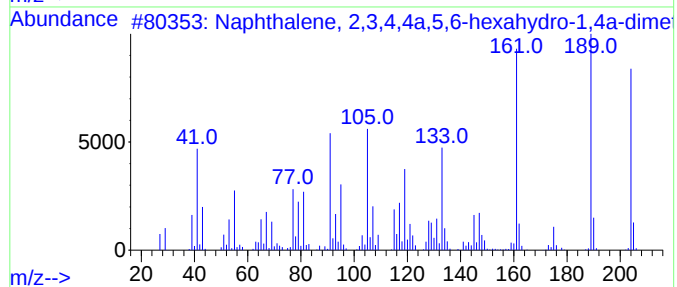
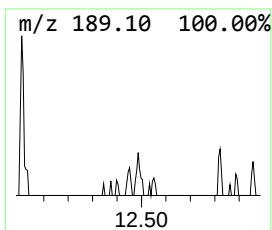
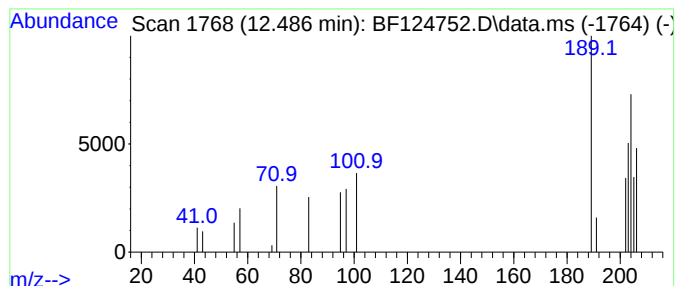
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.486 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	3.57 ng	8490	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	25
2			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	25
3			Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	12
4			1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	9
5			Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
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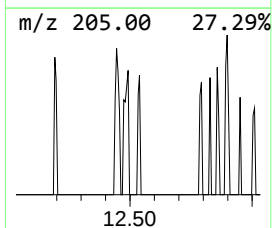
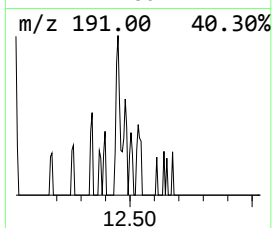
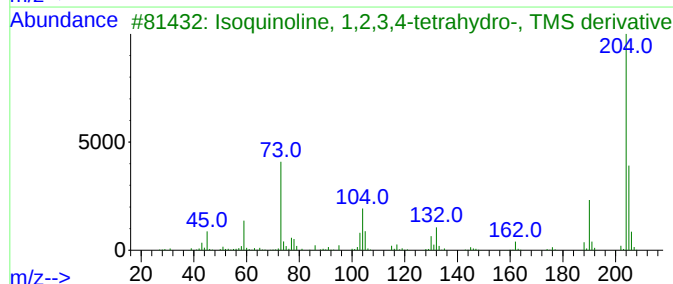
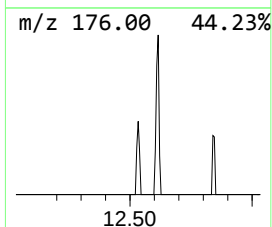
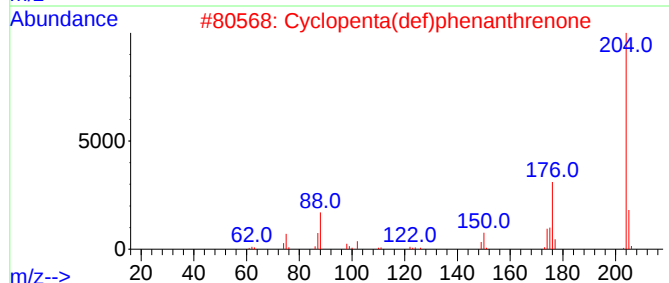
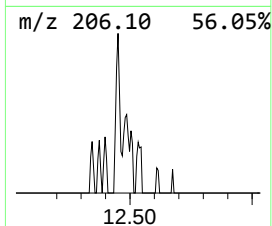
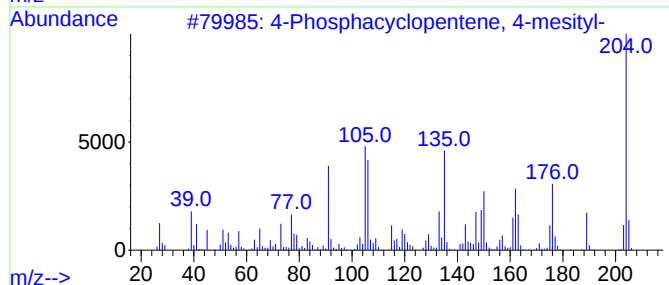
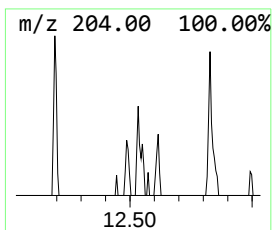
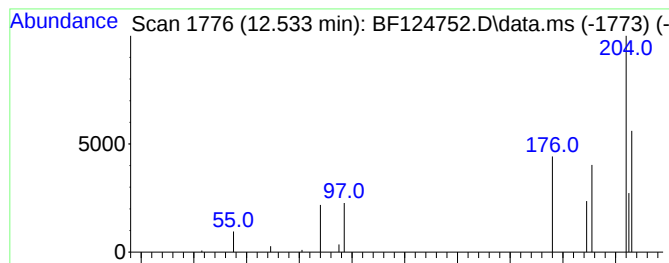
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.533 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	2.91 ng	6915	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	9
2			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	9
3			Isoquinoline, 1,2,3,4-tetrahydro...	205	C12H19NSi	069944-96-3	5
4			[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	5
5			5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
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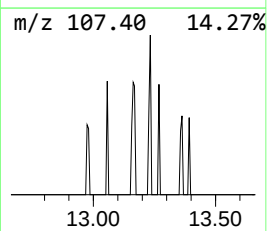
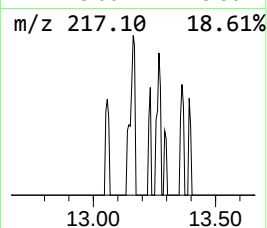
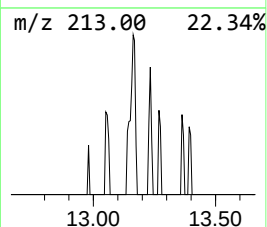
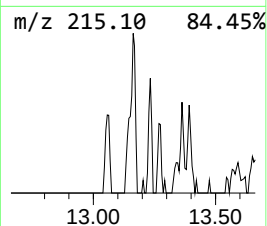
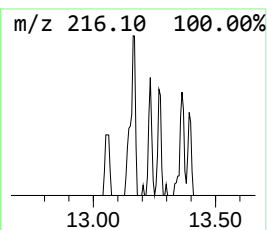
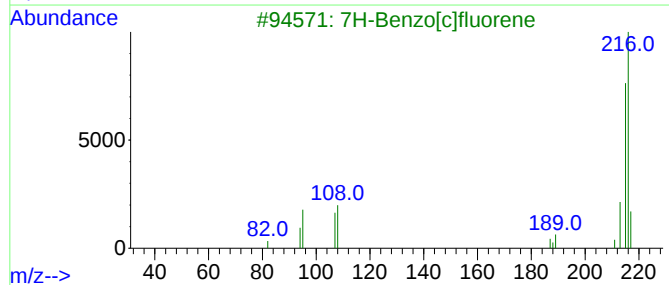
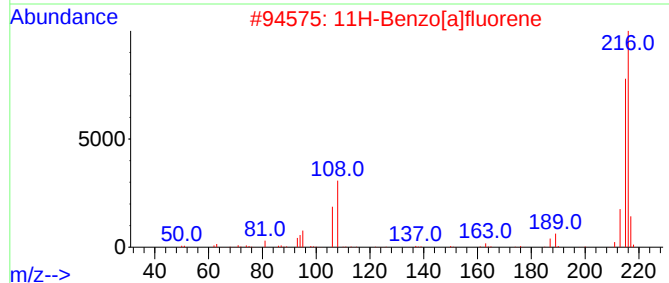
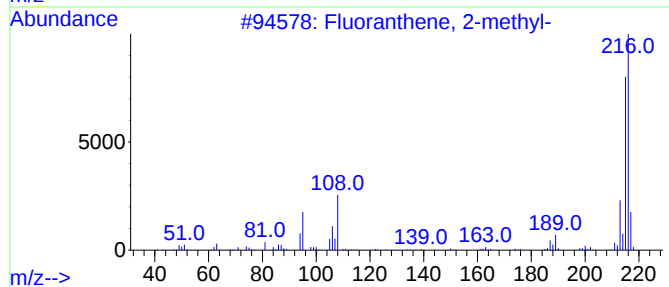
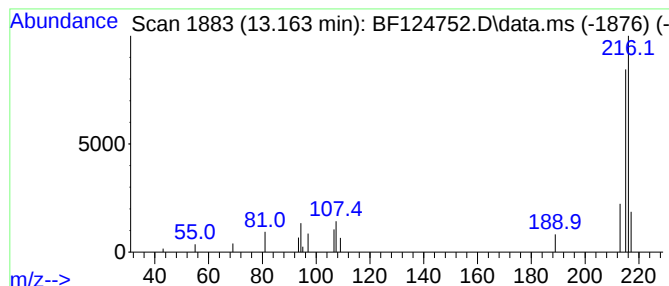
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.64 ng	22394	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
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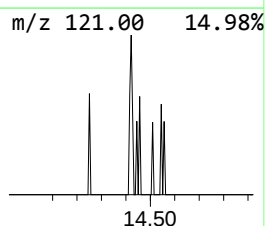
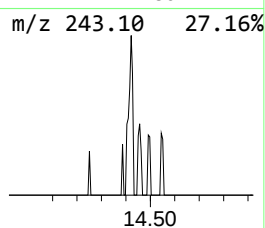
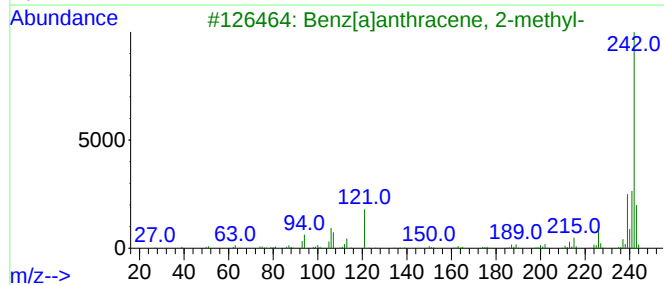
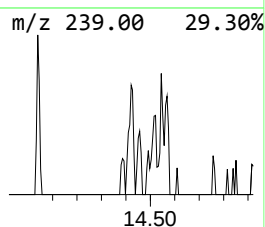
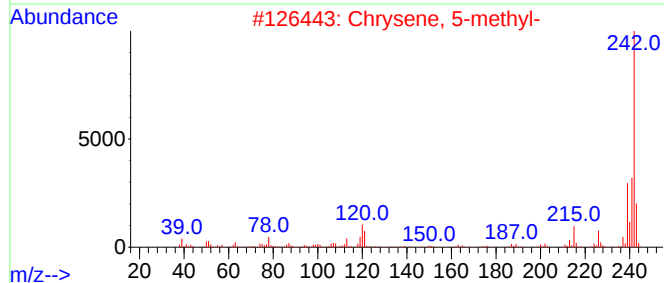
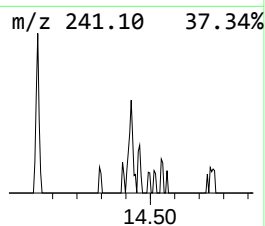
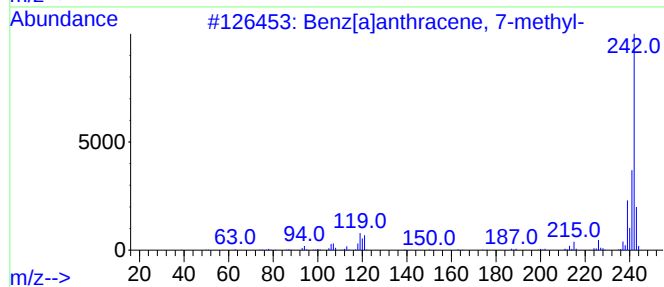
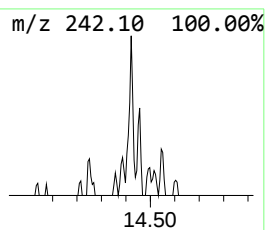
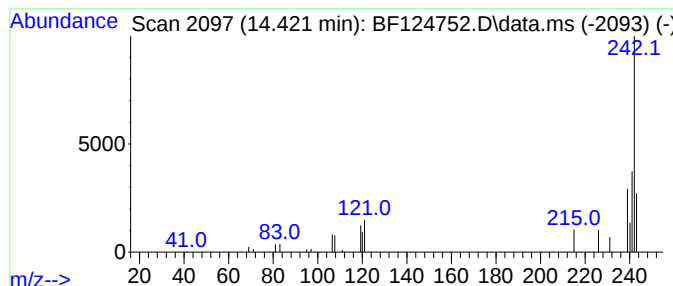
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	2.87 ng	13848	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	87
2			Chrysene, 5-methyl-	242	C19H14	003697-24-3	80
3			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	74
4			Chrysene, 1-methyl-	242	C19H14	003351-28-8	74
5			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
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Misc :
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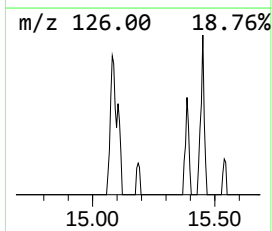
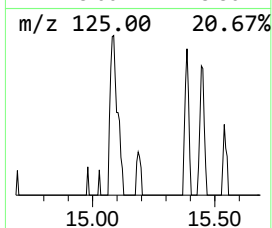
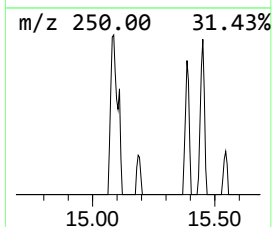
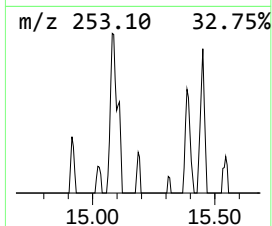
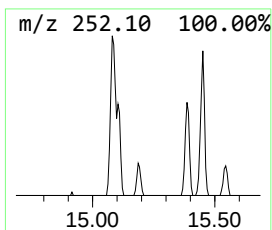
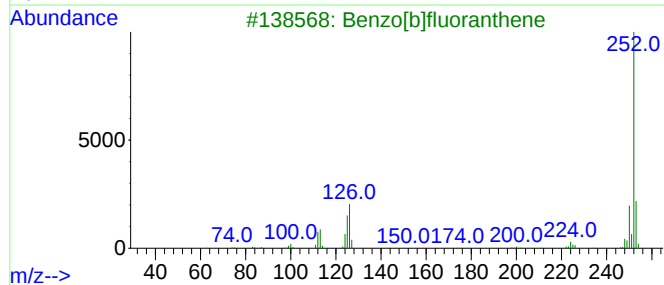
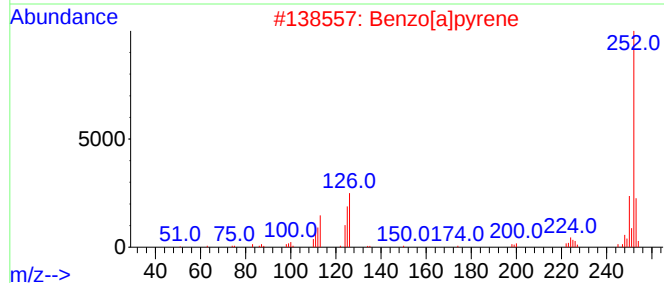
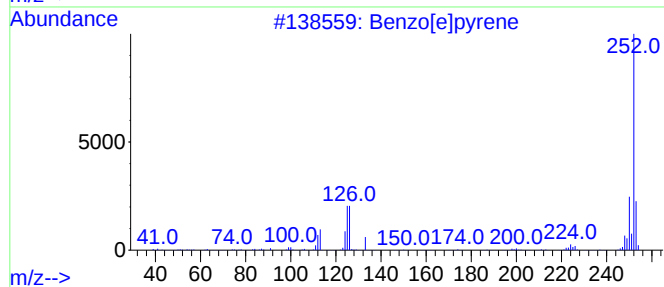
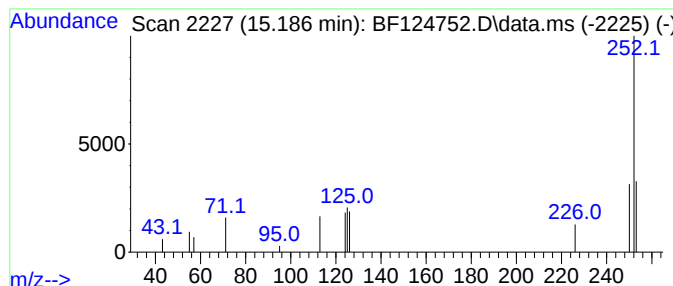
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	5.06 ng	6625	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	64
2			Benzo[a]pyrene	252	C20H12	000050-32-8	64
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	59
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	59
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	45



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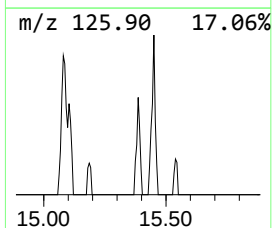
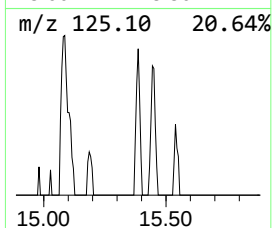
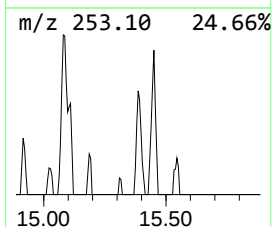
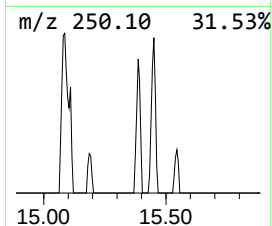
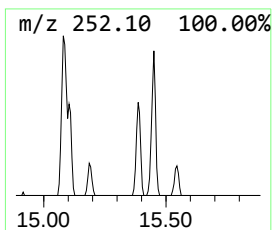
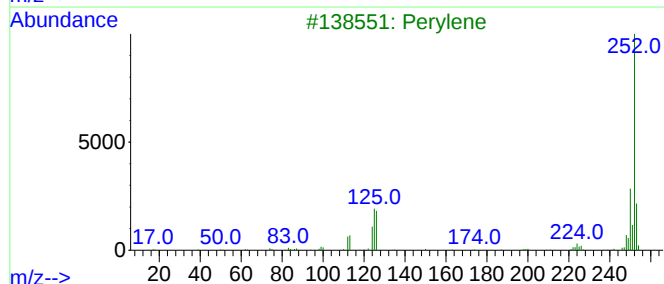
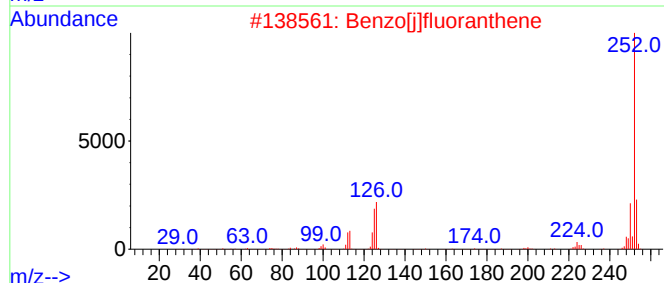
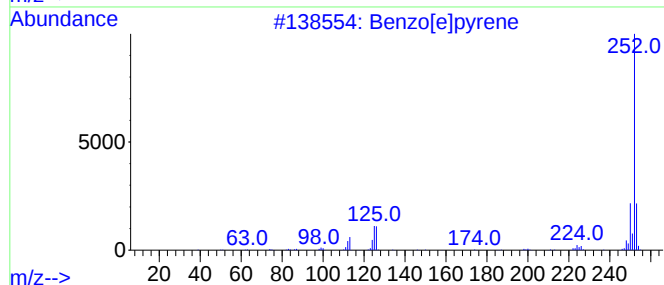
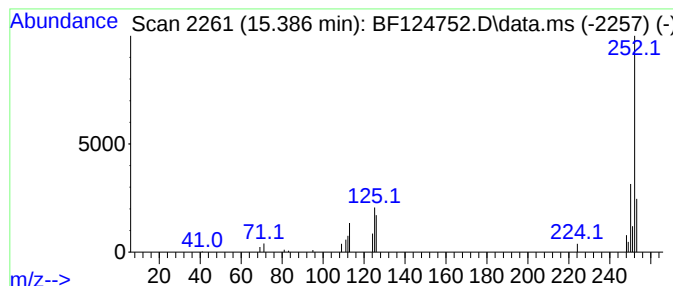
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	22.12 ng	28972	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	90
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
3			Perylene	252	C20H12	000198-55-0	81
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81



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ALS Vial : 17 Sample Multiplier: 1

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ETGI-358

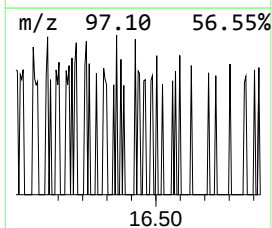
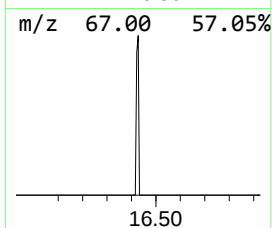
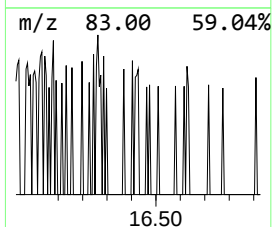
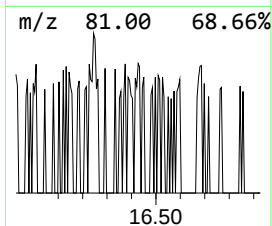
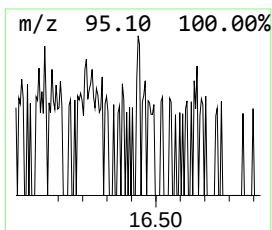
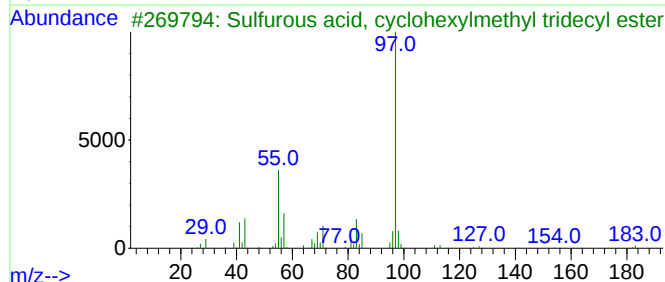
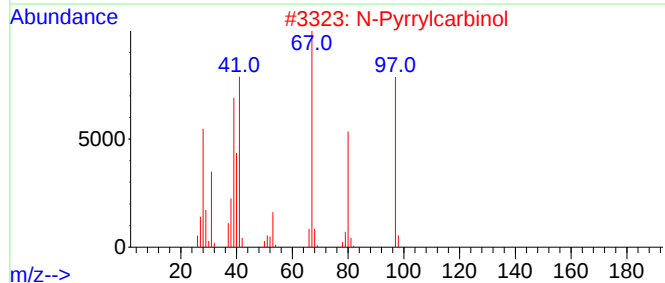
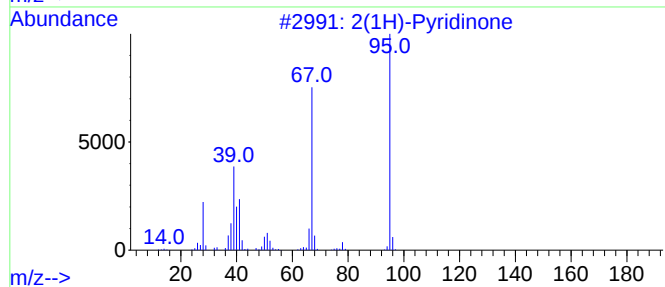
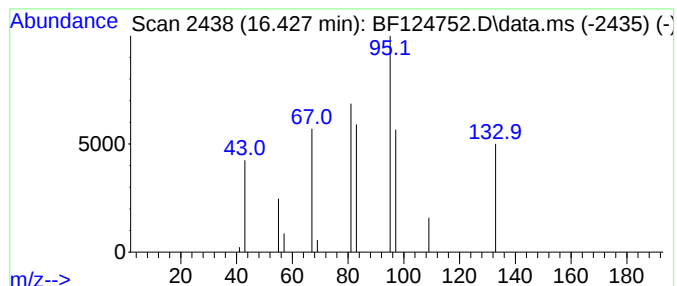
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.427 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	2.87 ng	3761	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinone			95	C5H5NO	000142-08-5	5
2	N-Pyrrylcarbinol			97	C5H7NO	092776-61-9	5
3	Sulfurous acid, cyclohexylmethyl...			360	C20H40O3S	1000309-22-1	4
4	2-C14H26			194	C14H26	000638-60-8	4
5	5-Octen-2-yn-4-ol			124	C8H12O	1010196-87-1	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
Acq On : 24 Jul 2021 17:39
Operator : JU/CG
Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-358

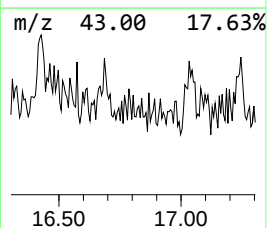
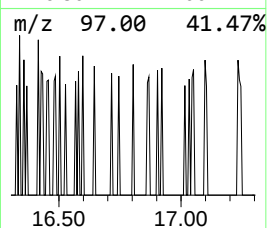
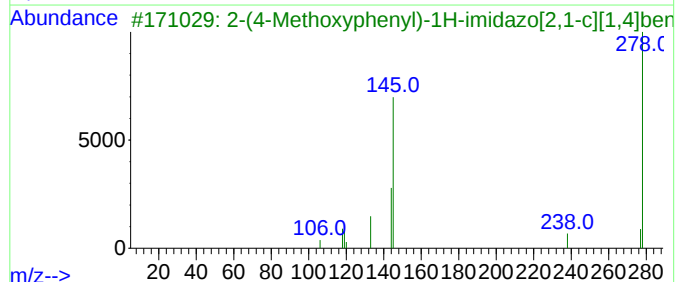
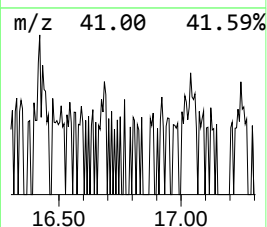
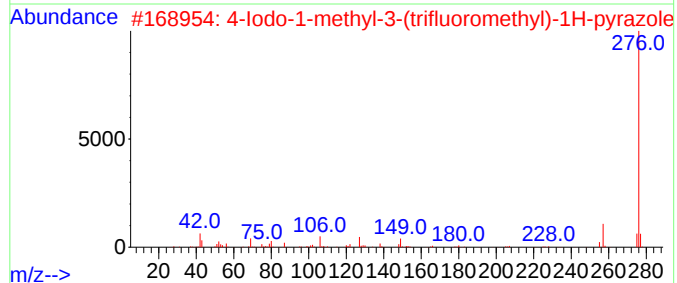
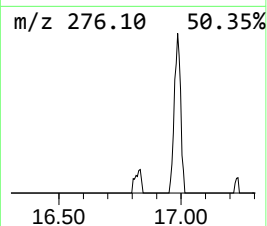
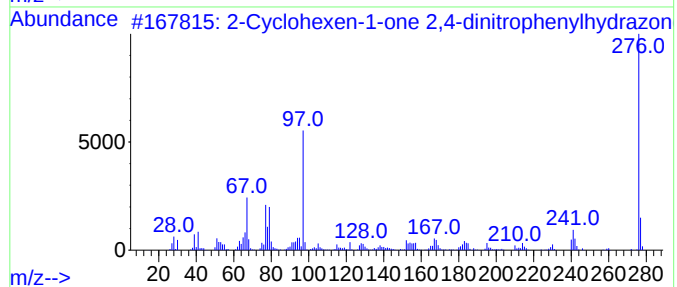
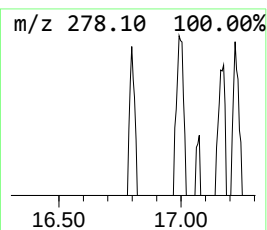
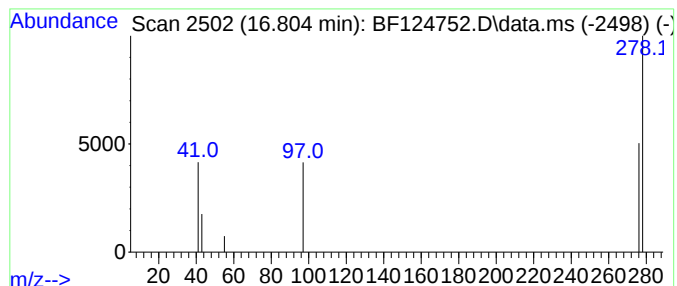
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.804 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	2.59 ng	3388	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	2,4-dinitroph...	276	C12H12N4O4	001459-31-0	5	
2	4-Iodo-1-methyl-3-(trifluorometh...		276	C5H4F3IN2	1194377-09-7	3	
3	2-(4-Methoxyphenyl)-1H-imidazo[2...		278	C17H14N2O2	1000148-52-2	3	
4	4-Ethyl-7-iodotropolone		276	C9H9IO2	004508-96-7	3	
5	Benzo[ghi]perylene		276	C22H12	000191-24-2	3	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
Acq On : 24 Jul 2021 17:39
Operator : JU/CG
Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
ETGI-358

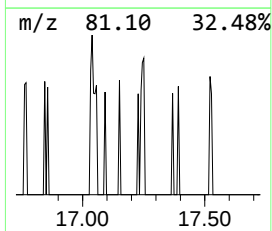
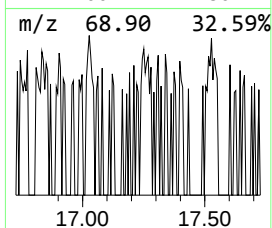
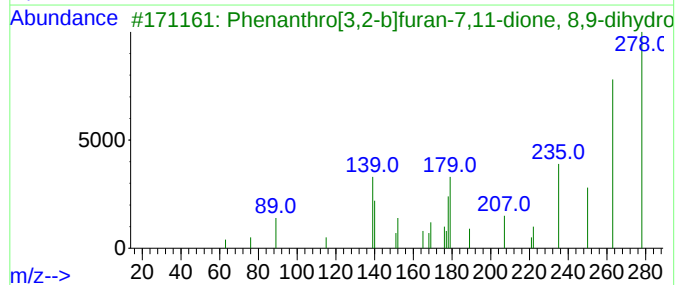
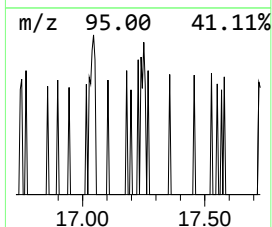
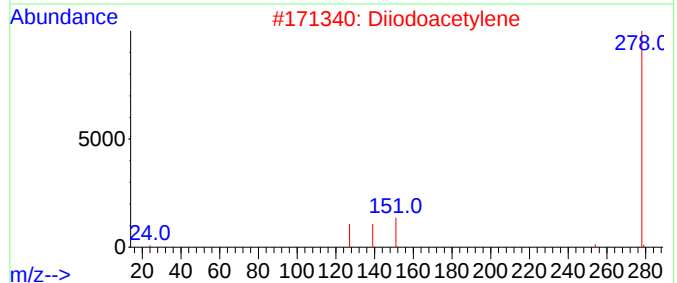
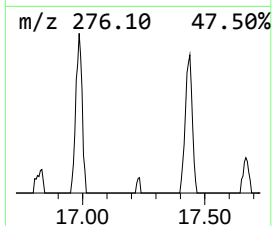
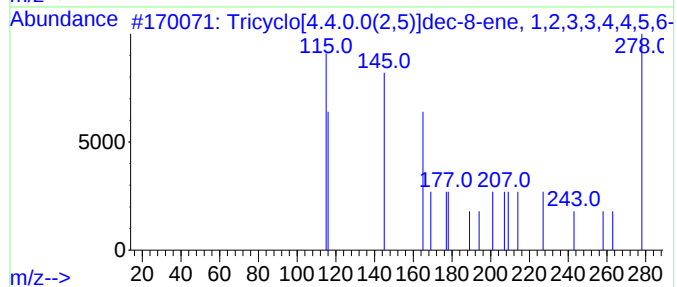
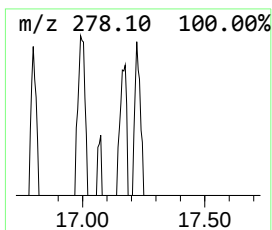
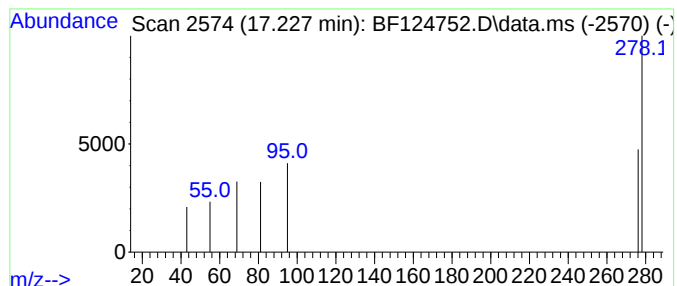
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.227 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.227	2.50 ng	3269	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.4.0.0(2,5)]dec-8-ene,...	278	C10H6F8	077549-74-7	3
2			Diiodoacetylene	278	C2I2	1000298-80-7	3
3			Phenanthro[3,2-b]furan-7,11-dion...	278	C18H14O3	020958-18-3	3
4			2-(4-Methoxyphenyl)-1H-imidazo[2...	278	C17H14N2O2	1000148-52-2	3
5			2-Cinnamylidene-6-methoxycoumara...	278	C18H14O3	077765-15-2	3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
Acq On : 24 Jul 2021 17:39
Operator : JU/CG
Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-358

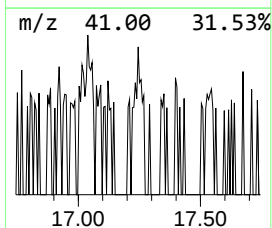
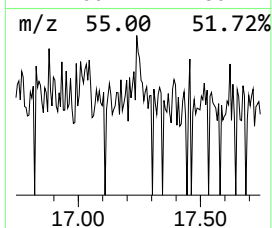
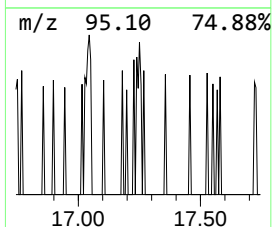
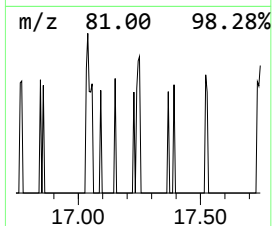
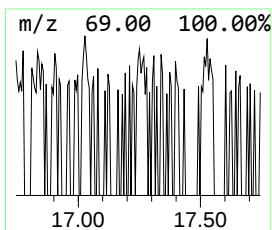
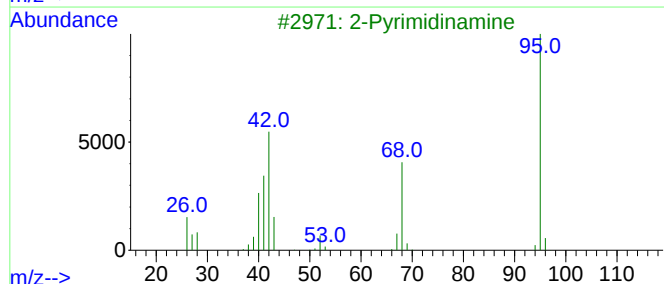
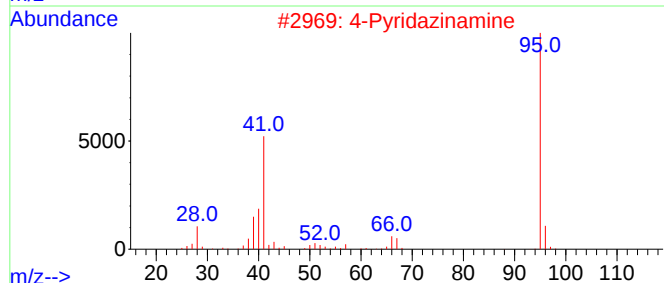
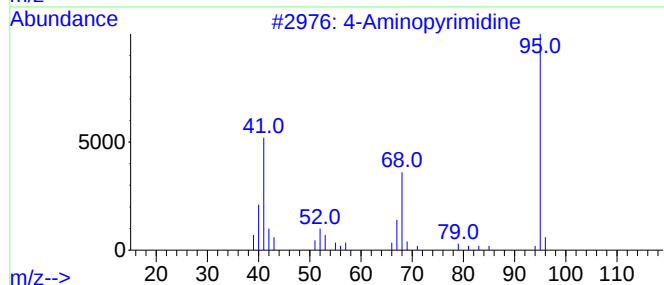
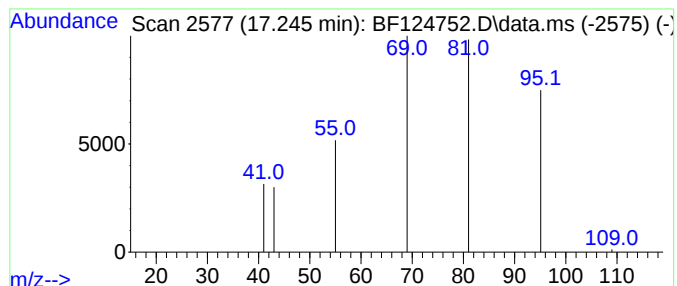
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.245 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	3.76 ng	4918	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Aminopyrimidine	95	C4H5N3	000591-54-8	4
2		4-Pyridazinamine	95	C4H5N3	020744-39-2	4
3		2-Pyrimidinamine	95	C4H5N3	000109-12-6	4
4		Isoxazole	69	C3H3NO	000288-14-2	3
5		3-Cyclopropyl-3-oxopropanenitrile	109	C6H7NO	118431-88-2	3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124752.D
 Acq On : 24 Jul 2021 17:39
 Operator : JU/CG
 Sample : M3128-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-358

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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
unknown8.051	8.051	4.7	ng	12792	2	8.151	54727	20.0
unknown9.628	9.628	2.8	ng	8174	3	9.910	58742	20.0
unknown10.557	10.557	3.0	ng	8779	3	9.910	58742	20.0
Hexadecane, 2,6...	10.822	5.4	ng	12881	4	11.398	47600	20.0
unknown11.292	11.292	4.2	ng	9890	4	11.398	47600	20.0
Phenanthrene, 2...	11.898	3.1	ng	7349	4	11.398	47600	20.0
Anthracene, 1-m...	11.922	4.6	ng	10974	4	11.398	47600	20.0
Diphenyl sulfone	11.951	3.7	ng	8752	4	11.398	47600	20.0
4H-Cyclopenta[d...	12.010	7.8	ng	18575	4	11.398	47600	20.0
Anthracene, 1,4...	12.451	3.6	ng	8551	4	11.398	47600	20.0
unknown12.486	12.486	3.6	ng	8490	4	11.398	47600	20.0
unknown12.533	12.533	2.9	ng	6915	4	11.398	47600	20.0
Fluoranthene, 2...	13.163	4.6	ng	22394	5	14.039	96576	20.0
Benz[a]anthrace...	14.421	2.9	ng	13848	5	14.039	96576	20.0
Benzo[e]pyrene	15.186	5.1	ng	6625	6	15.515	26191	20.0
Benzo[j]fluoran...	15.386	22.1	ng	28972	6	15.515	26191	20.0
unknown16.427	16.427	2.9	ng	3761	6	15.515	26191	20.0
unknown16.804	16.804	2.6	ng	3388	6	15.515	26191	20.0
unknown17.227	17.227	2.5	ng	3269	6	15.515	26191	20.0
unknown17.245	17.245	3.8	ng	4918	6	15.515	26191	20.0