

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137758.D
 Acq On : 29 Apr 2024 19:57
 Operator : CG\JU
 Sample : P2294-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOOT-PRINT-A-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137758.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.405	49	54	60	rVB	184224	242500	7.70%	0.685%
2	3.687	270	272	282	rBV	18285	42998	1.37%	0.121%
3	4.234	359	365	374	rVB	30919	38453	1.22%	0.109%
4	5.681	606	611	614	rBV	2615118	2439144	77.48%	6.886%
5	6.669	774	779	782	rBV	2671344	2439339	77.49%	6.886%
6	7.063	842	846	849	rBV	1812285	1420424	45.12%	4.010%
7	7.616	936	940	943	rBV	1847811	1540676	48.94%	4.349%
8	8.228	1041	1044	1056	rBV	388230	335892	10.67%	0.948%
9	8.345	1060	1064	1067	rBV	2329969	1835697	58.31%	5.182%
10	8.645	1108	1115	1119	rBV	67862	75156	2.39%	0.212%
11	9.416	1242	1246	1249	rBV	4024042	3148087	100.00%	8.887%
12	9.810	1310	1313	1321	rVB4	34867	41944	1.33%	0.118%
13	9.963	1336	1339	1342	rBV2	43142	40961	1.30%	0.116%
14	10.104	1359	1363	1366	rBV	2334417	1880397	59.73%	5.308%
15	10.139	1366	1369	1371	rVB	65821	55017	1.75%	0.155%
16	10.186	1373	1377	1384	rVB4	63349	102282	3.25%	0.289%
17	10.310	1394	1398	1400	rVB2	54411	55954	1.78%	0.158%
18	10.422	1413	1417	1419	rBV2	54329	71370	2.27%	0.201%
19	10.516	1428	1433	1438	rVB2	51122	71459	2.27%	0.202%
20	10.651	1453	1456	1462	rVB2	71124	75402	2.40%	0.213%
21	10.810	1478	1483	1487	rBV3	30102	43513	1.38%	0.123%
22	10.892	1493	1497	1501	rBV	1979619	1576841	50.09%	4.451%
23	11.010	1512	1517	1524	rVB5	71046	123865	3.93%	0.350%
24	11.204	1545	1550	1552	rBV5	34977	48615	1.54%	0.137%
25	11.328	1567	1571	1573	rBV4	27998	41502	1.32%	0.117%
26	11.398	1581	1583	1587	rBV2	49092	41617	1.32%	0.117%
27	11.445	1588	1591	1593	rVV	56312	47338	1.50%	0.134%
28	11.498	1598	1600	1603	rVB	51636	42740	1.36%	0.121%
29	11.598	1613	1617	1620	rBV	1886507	1707870	54.25%	4.821%
30	11.622	1620	1621	1625	rVV	716594	468396	14.88%	1.322%
31	11.675	1627	1630	1633	rVB	274954	202085	6.42%	0.570%
32	11.827	1653	1656	1659	rBV	59289	57149	1.82%	0.161%
33	11.927	1671	1673	1678	rVB	42467	41537	1.32%	0.117%
34	12.104	1699	1703	1705	rBV	356318	312505	9.93%	0.882%
35	12.127	1705	1707	1712	rVV	208259	187929	5.97%	0.531%
36	12.175	1712	1715	1718	rVV	67022	69674	2.21%	0.197%

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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-BF042324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.216	1718	1722	1724	rVV2	204543	233098	7.40%	0.658%
38	12.239	1724	1726	1730	rVB2	100304	80032	2.54%	0.226%
39	12.280	1730	1733	1735	rBV3	56250	47083	1.50%	0.133%
40	12.398	1750	1753	1755	rBV	90065	84870	2.70%	0.240%

41	12.422	1755	1757	1761	rVB2	70933	66430	2.11%	0.188%
42	12.580	1781	1784	1786	rBV	46041	38385	1.22%	0.108%
43	12.651	1793	1796	1799	rBV	145167	166761	5.30%	0.471%
44	12.739	1808	1811	1815	rBV	112503	123960	3.94%	0.350%
45	12.822	1821	1825	1828	rBV	1285100	1146932	36.43%	3.238%

46	12.892	1833	1837	1839	rBV3	62620	85225	2.71%	0.241%
47	12.974	1848	1851	1853	rBV2	44384	44192	1.40%	0.125%
48	13.051	1857	1864	1869	rBV	1314291	1360664	43.22%	3.841%
49	13.098	1869	1872	1876	rVB2	81592	96750	3.07%	0.273%
50	13.186	1883	1887	1890	rBV	2995223	2447532	77.75%	6.909%

51	13.263	1896	1900	1904	rBV3	105388	175741	5.58%	0.496%
52	13.351	1912	1915	1916	rBV2	84950	83374	2.65%	0.235%
53	13.374	1916	1919	1921	rVB	173009	154912	4.92%	0.437%
54	13.439	1928	1930	1933	rVB	116237	92028	2.92%	0.260%
55	13.480	1933	1937	1940	rBV2	170671	172919	5.49%	0.488%

56	13.574	1950	1953	1955	rBV	120722	93305	2.96%	0.263%
57	13.604	1955	1958	1961	rVV	100528	97313	3.09%	0.275%
58	13.745	1980	1982	1984	rBV2	50206	41891	1.33%	0.118%
59	13.880	2003	2005	2009	rVB	116825	116599	3.70%	0.329%
60	13.998	2020	2025	2028	rBV2	130820	195670	6.22%	0.552%

61	14.027	2028	2030	2032	rVV	110814	83496	2.65%	0.236%
62	14.051	2032	2034	2036	rVV	89065	96105	3.05%	0.271%
63	14.086	2037	2040	2045	rVB3	164952	270071	8.58%	0.762%
64	14.251	2063	2068	2070	rBV2	1809641	2145466	68.15%	6.057%
65	14.274	2070	2072	2078	rVB	688160	608446	19.33%	1.718%

66	14.357	2084	2086	2089	rBV	90735	70232	2.23%	0.198%
67	14.392	2090	2092	2094	rBV	68854	59161	1.88%	0.167%
68	14.598	2125	2127	2129	rBV	61782	56090	1.78%	0.158%
69	14.639	2131	2134	2137	rVV	144905	167201	5.31%	0.472%
70	14.674	2138	2140	2142	rVB	87809	71996	2.29%	0.203%

71	15.198	2227	2229	2233	rVB3	111334	118556	3.77%	0.335%
72	15.345	2250	2254	2258	rBV	475933	801341	25.45%	2.262%
73	15.410	2262	2265	2270	rVB2	167244	192020	6.10%	0.542%
74	15.468	2272	2275	2280	rVV	103207	124381	3.95%	0.351%
75	15.686	2308	2312	2318	rVB	295069	382036	12.14%	1.078%

76	15.751	2319	2323	2331	rVB	350880	511471	16.25%	1.444%
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ClientSampleId :
FOOT-PRINT-A-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.827	2331	2336	2340	rBV	1056878	1453749	46.18%	4.104%
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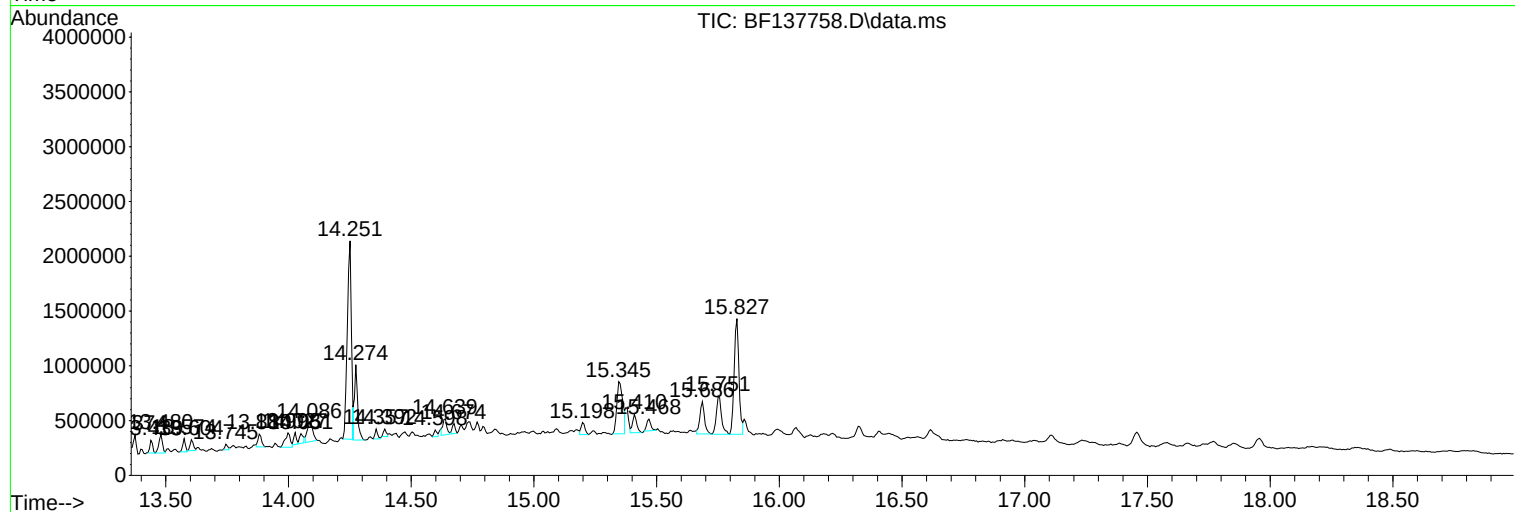
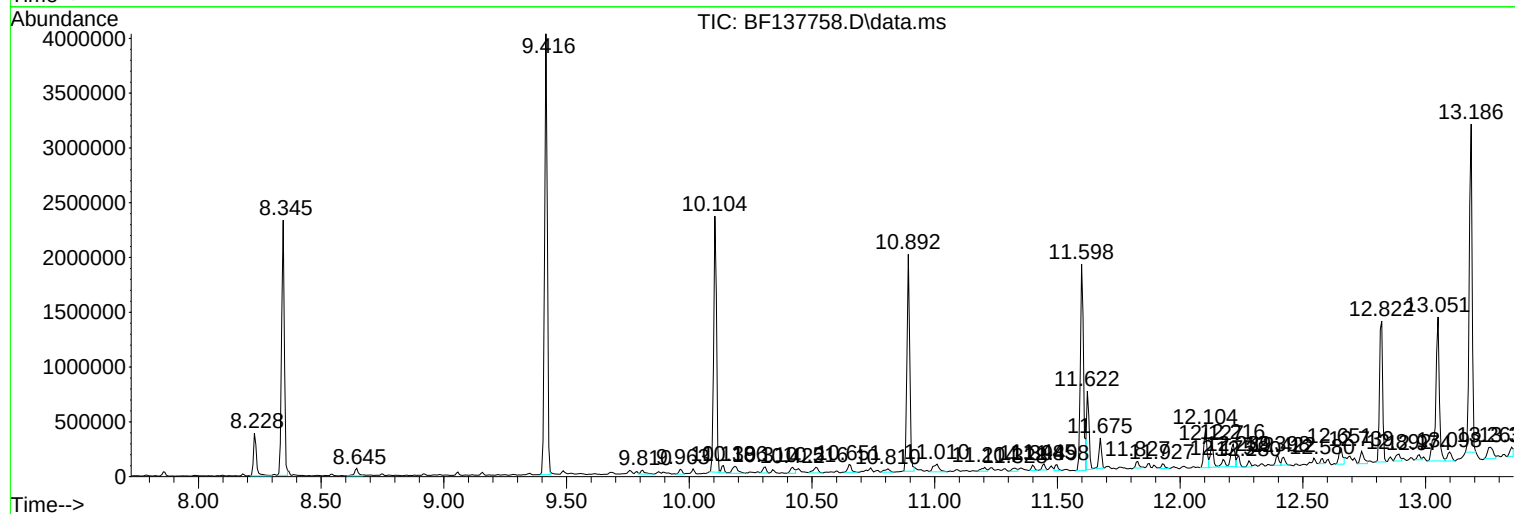
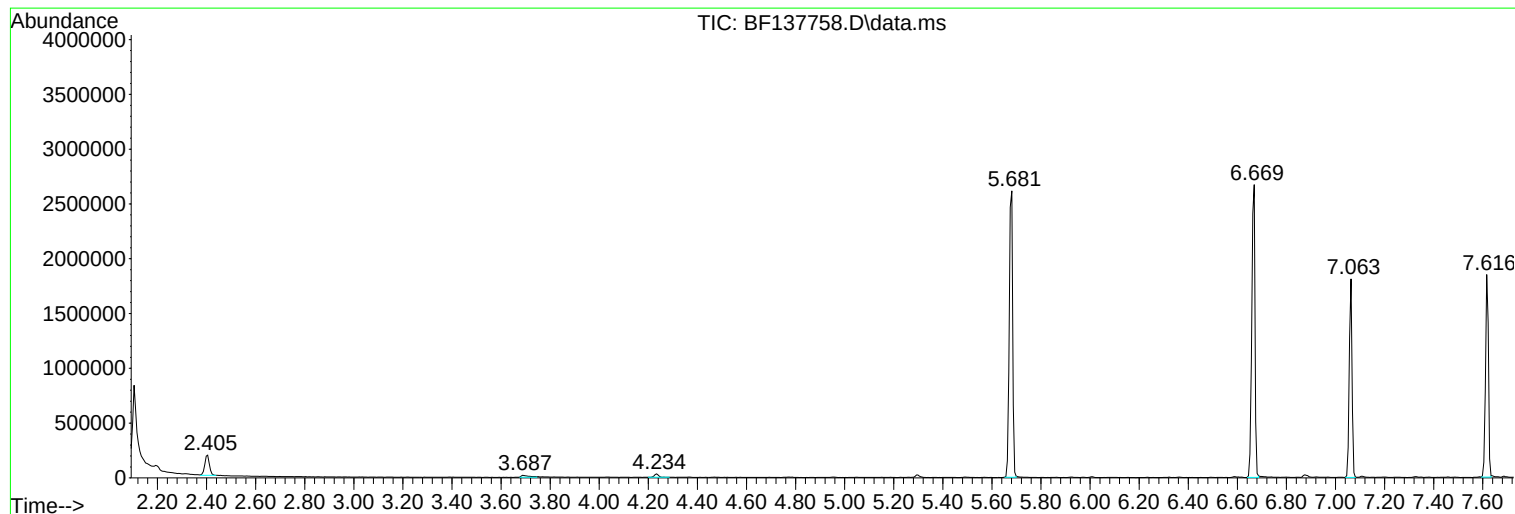
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Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
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Operator : CG\JU
Sample : P2294-02
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-2

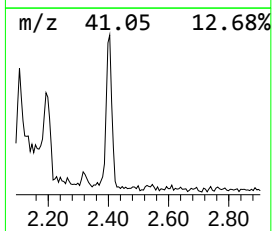
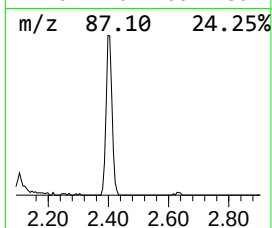
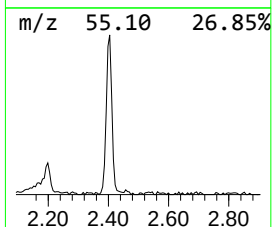
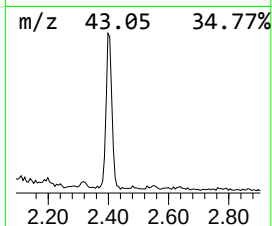
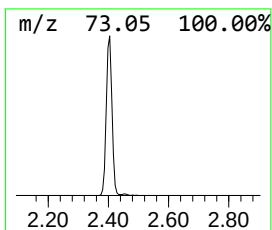
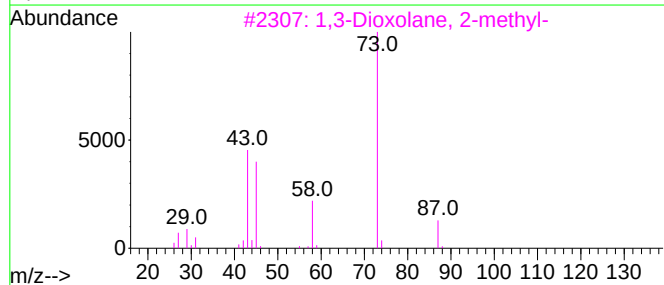
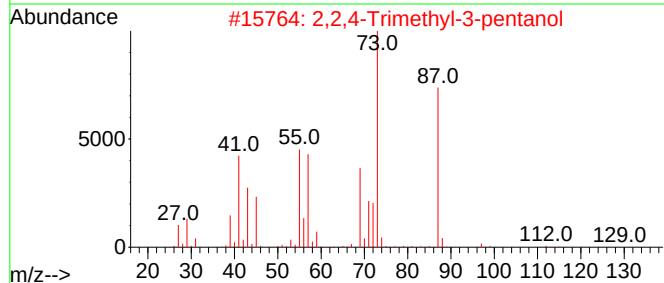
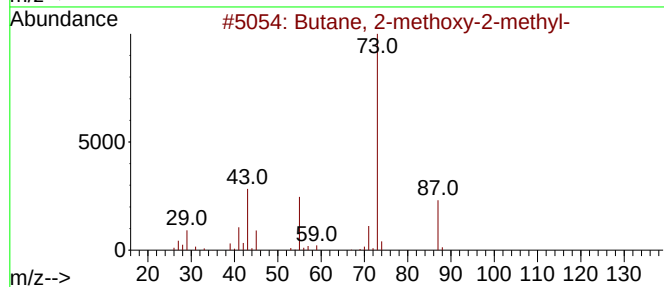
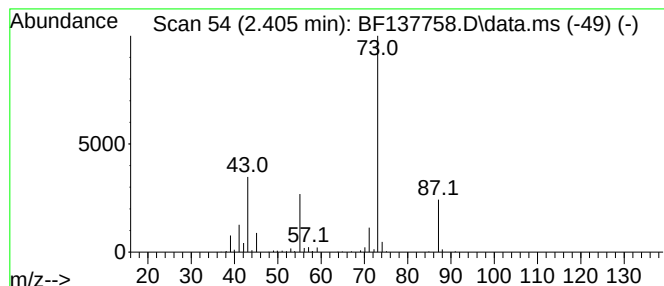
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.405	3.41 ng	242500	1,4-Dichlorobenzene-d4	7.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FOOT-PRINT-A-2

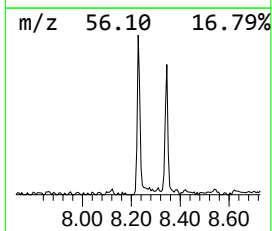
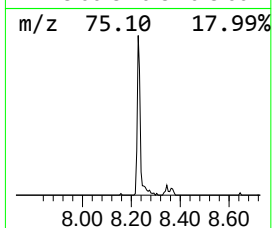
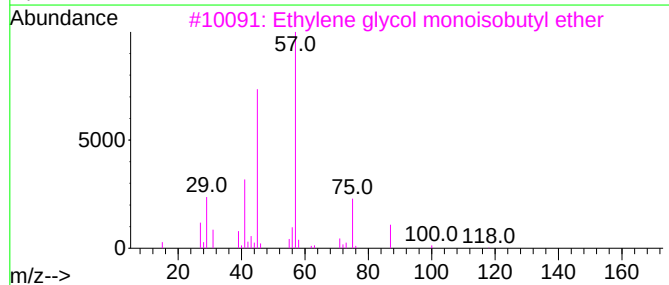
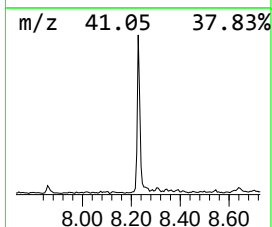
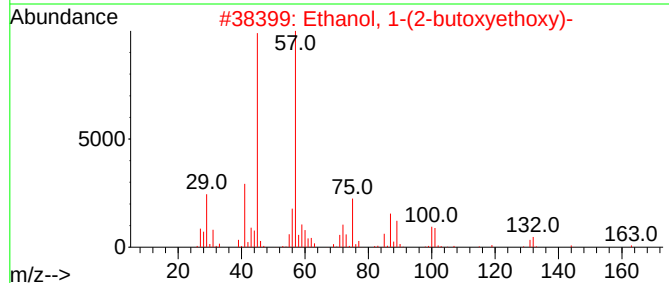
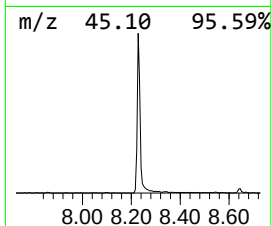
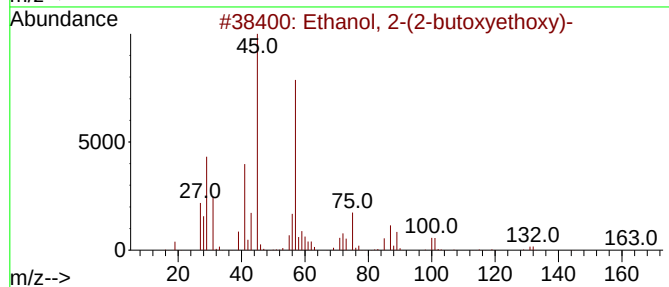
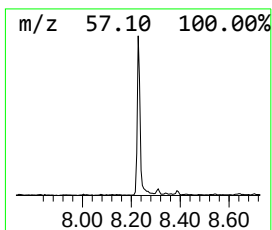
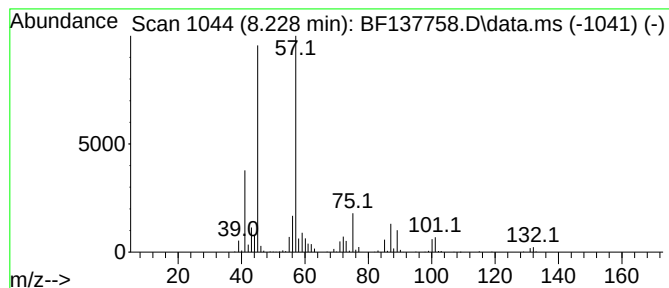
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	3.66 ng	335892	Naphthalene-d8	8.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5			Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	53



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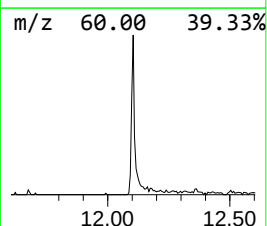
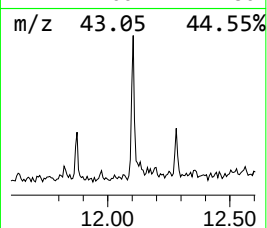
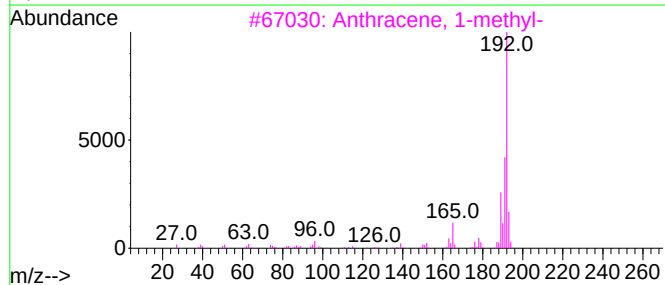
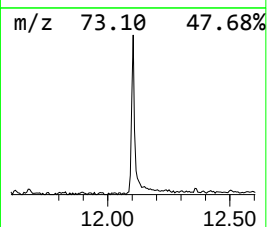
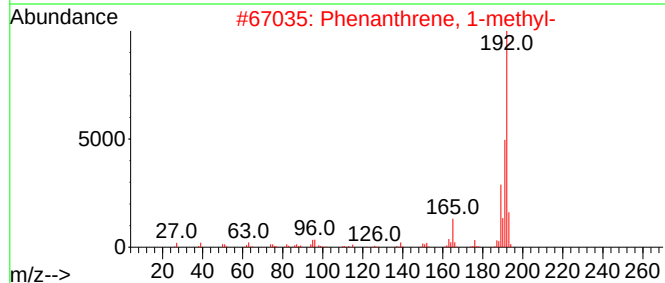
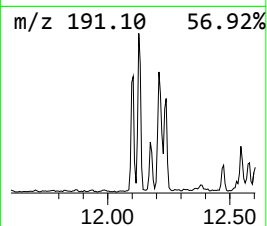
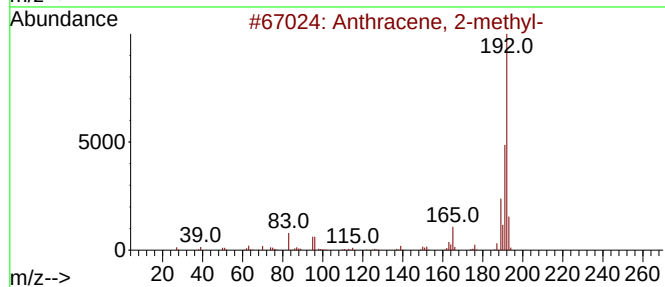
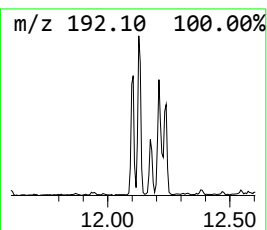
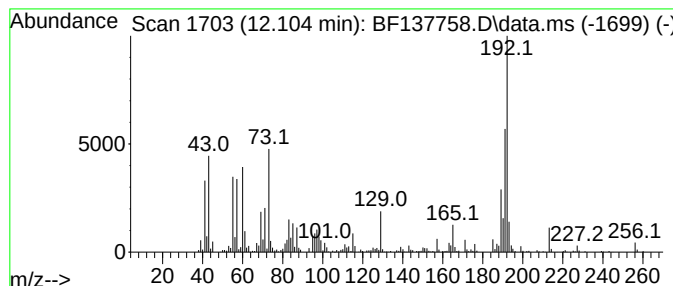
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.66 ng	312505	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



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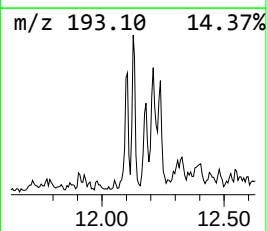
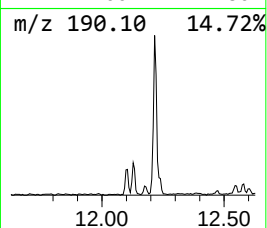
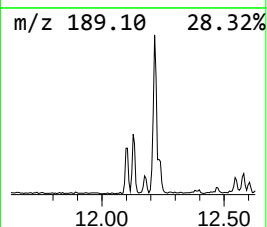
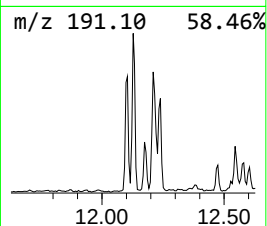
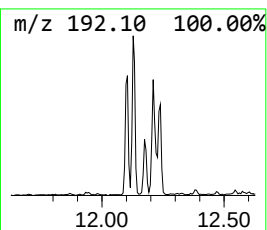
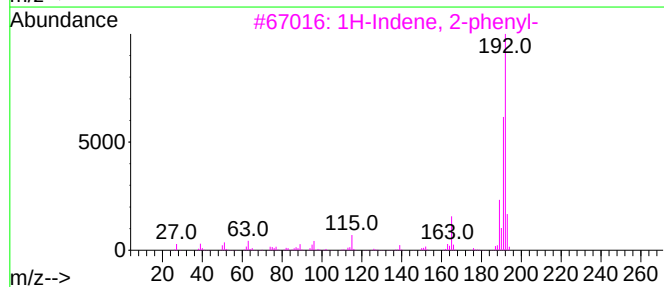
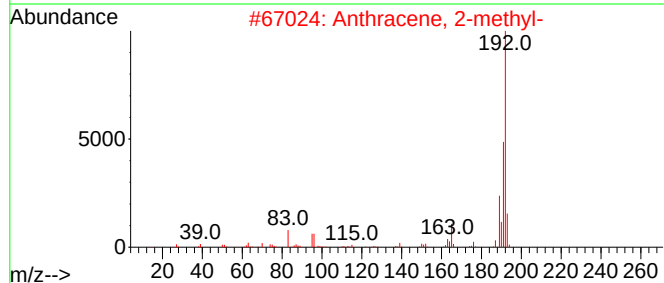
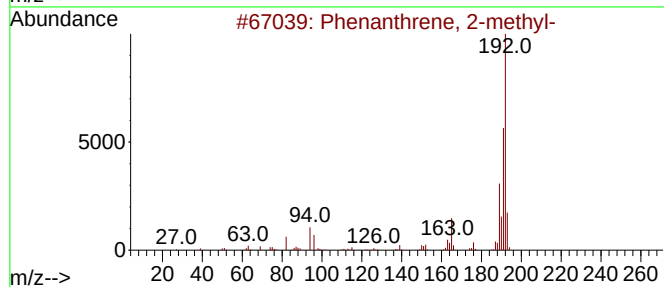
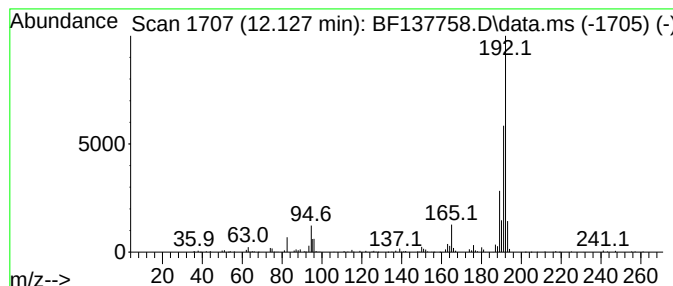
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	2.20 ng	187929	Phenanthrene-d10	11.598

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137758.D
Acq On : 29 Apr 2024 19:57
Operator : CG\JU
Sample : P2294-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-2

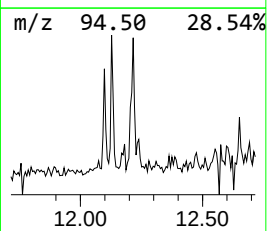
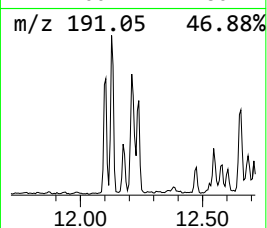
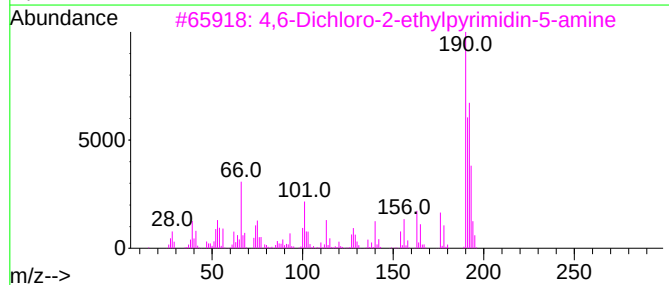
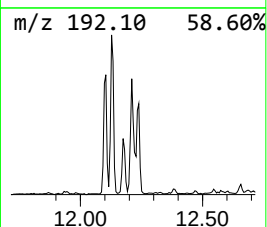
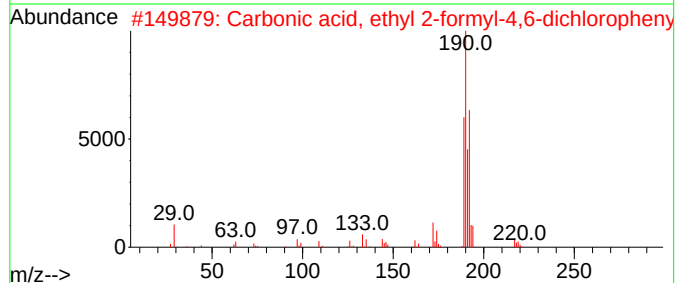
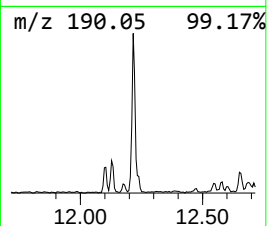
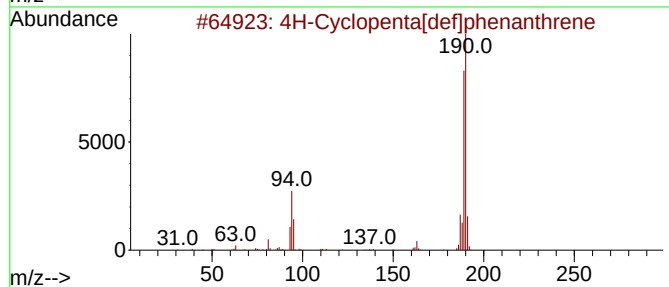
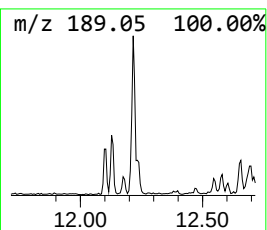
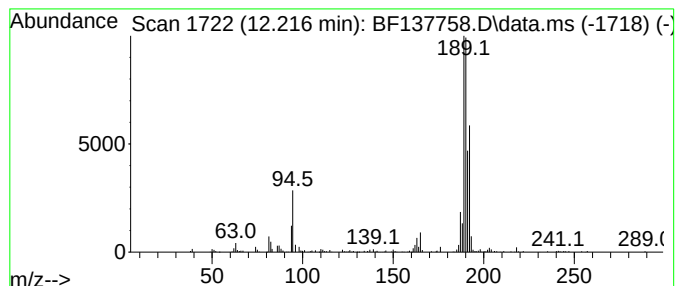
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.73 ng	233098	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
3			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
5			Methyl diselenide	190	C2H6Se2	007101-31-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137758.D
Acq On : 29 Apr 2024 19:57
Operator : CG\JU
Sample : P2294-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-2

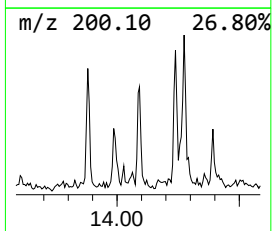
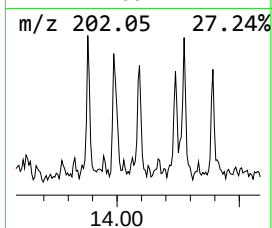
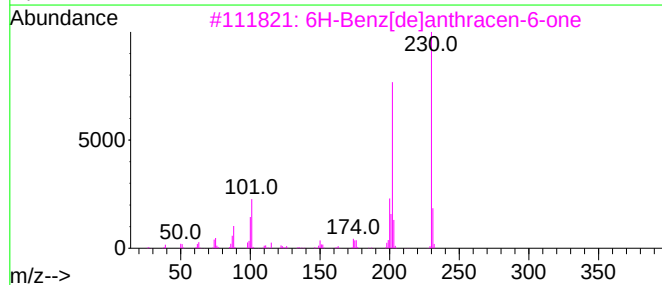
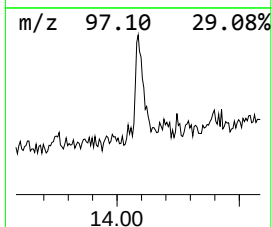
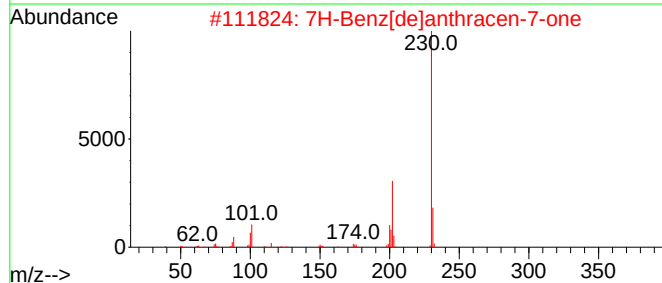
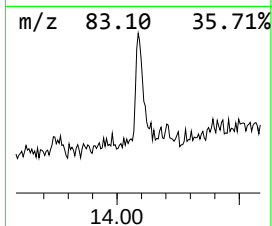
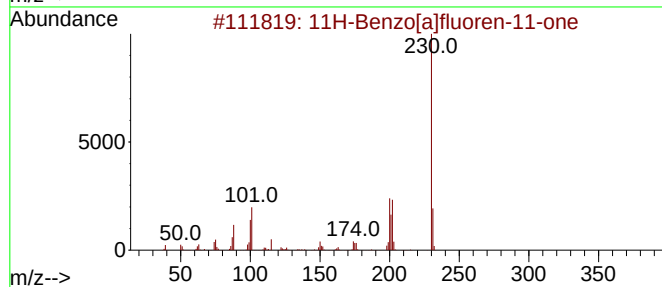
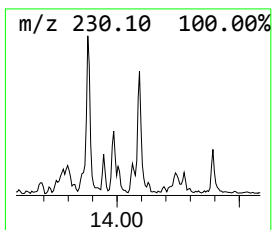
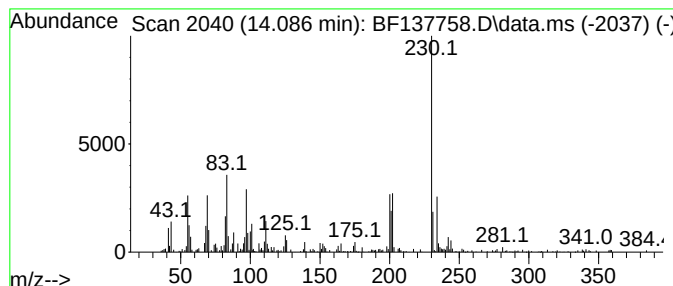
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	2.52 ng	270071	Chrysene-d12	14.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	47
4			8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15N02Si	1010463-63-7	43
5			o-Terphenyl	230	C18H14	000084-15-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137758.D
Acq On : 29 Apr 2024 19:57
Operator : CG\JU
Sample : P2294-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-2

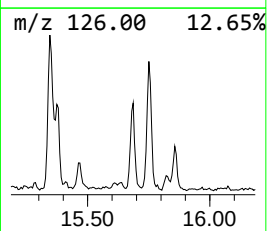
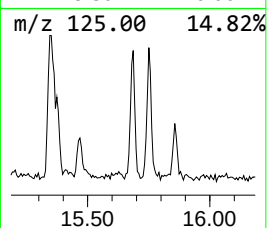
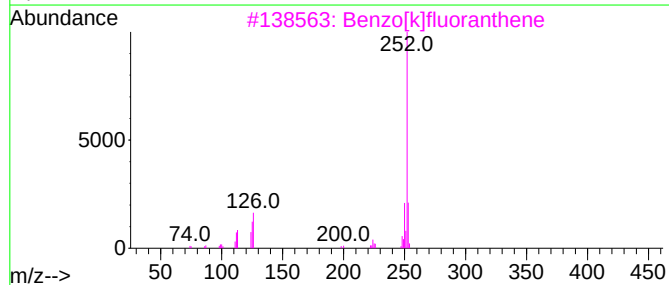
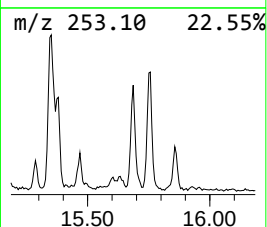
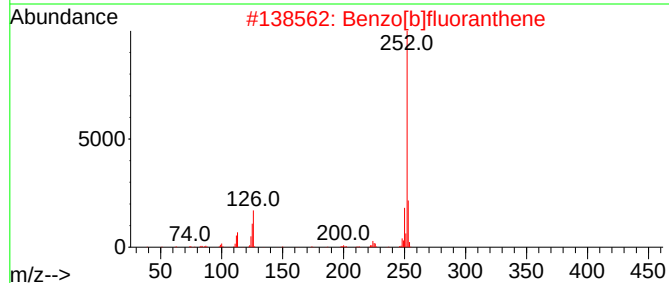
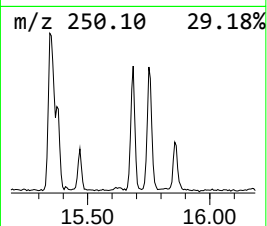
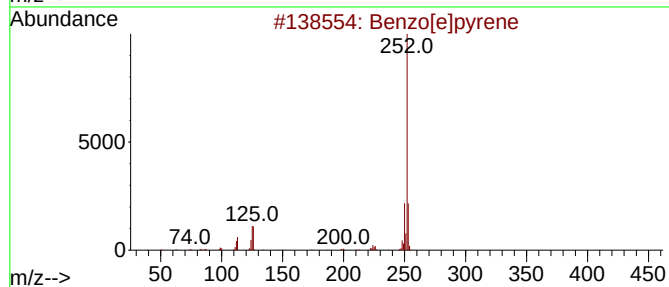
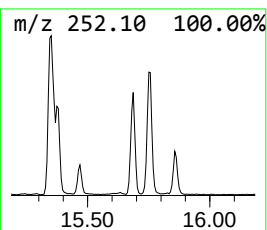
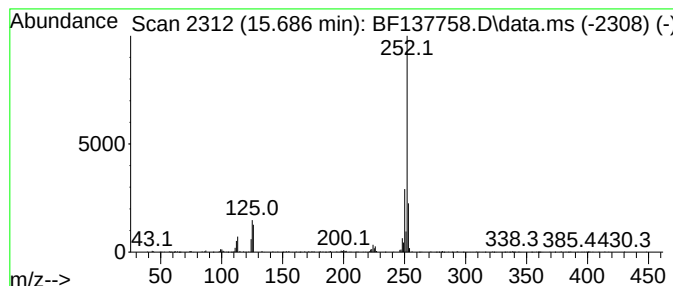
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	5.26 ng	382036	Perylene-d12	15.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
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Sample : P2294-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.405	3.4	ng	242500	1	7.063	1420420	20.0
Ethanol, 2-(2-b...	8.228	3.7	ng	335892	2	8.345	1835700	20.0
Anthracene, 2-m...	12.104	3.7	ng	312505	4	11.598	1707870	20.0
Phenanthrene, 2...	12.128	2.2	ng	187929	4	11.598	1707870	20.0
4H-Cyclopenta[d...	12.216	2.7	ng	233098	4	11.598	1707870	20.0
11H-Benzo[a]flu...	14.086	2.5	ng	270071	5	14.251	2145470	20.0
Benzo[e]pyrene	15.686	5.3	ng	382036	6	15.827	1453750	20.0