

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142130.D
 Acq On : 27 Mar 2025 17:46
 Operator : RC/JU
 Sample : Q1648-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	18	rVB	572782	913346	24.38%	1.657%
2	5.081	499	508	524	rBV	198070	298852	7.98%	0.542%
3	5.481	570	576	598	rBV	1305794	1729415	46.16%	3.138%
4	6.493	741	748	761	rBV	1278428	1784477	47.63%	3.238%
5	6.869	807	812	819	rBV	738521	920102	24.56%	1.669%
6	7.428	901	907	918	rBV	929547	1224752	32.69%	2.222%
7	7.681	945	950	958	rBV	30198	45363	1.21%	0.082%
8	8.151	1024	1030	1051	rVB	981972	1338326	35.72%	2.428%
9	9.222	1206	1212	1222	rBV	2125554	2790372	74.49%	5.063%
10	9.563	1264	1270	1273	rBV	31576	48346	1.29%	0.088%
11	9.904	1322	1328	1332	rVV	1197898	1540412	41.12%	2.795%
12	9.939	1332	1334	1338	rVB	103914	105768	2.82%	0.192%
13	10.110	1358	1363	1367	rBV	64838	89129	2.38%	0.162%
14	10.310	1392	1397	1404	rBV3	20967	52941	1.41%	0.096%
15	10.451	1416	1421	1426	rBV	86927	117418	3.13%	0.213%
16	10.616	1444	1449	1455	rVB	499103	630513	16.83%	1.144%
17	10.692	1457	1462	1468	rBV	877656	1120244	29.90%	2.033%
18	10.804	1476	1481	1493	rVB	107750	190362	5.08%	0.345%
19	10.928	1498	1502	1507	rVB	37023	45301	1.21%	0.082%
20	10.998	1507	1514	1517	rBV4	40213	82910	2.21%	0.150%
21	11.128	1531	1536	1538	rBV2	38450	60610	1.62%	0.110%
22	11.198	1544	1548	1552	rVB	59618	71392	1.91%	0.130%
23	11.245	1552	1556	1560	rVV3	49714	91211	2.43%	0.165%
24	11.286	1560	1563	1569	rVB	77186	108223	2.89%	0.196%
25	11.392	1576	1581	1583	rBV	1062682	1447565	38.64%	2.626%
26	11.416	1583	1585	1590	rVV	1557580	1908725	50.95%	3.463%
27	11.469	1590	1594	1598	rVB	302166	374335	9.99%	0.679%
28	11.622	1615	1620	1628	rBV2	102477	196892	5.26%	0.357%
29	11.686	1628	1631	1635	rVV	53625	71472	1.91%	0.130%
30	11.769	1639	1645	1650	rVB	2893853	3746199	100.00%	6.797%
31	11.898	1661	1667	1668	rBV	328937	413229	11.03%	0.750%
32	11.922	1668	1671	1676	rVV2	441125	657382	17.55%	1.193%
33	11.969	1676	1679	1682	rVV	112543	151601	4.05%	0.275%
34	12.010	1682	1686	1694	rVB3	314193	625459	16.70%	1.135%
35	12.080	1694	1698	1704	rBV6	42409	86930	2.32%	0.158%
36	12.192	1712	1717	1720	rBV	174216	252525	6.74%	0.458%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142130.D
 Acq On : 27 Mar 2025 17:46
 Operator : RC/JU
 Sample : Q1648-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF031025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.339	1737	1742	1745	rBV	80151	118983	3.18%	0.216%
38	12.457	1756	1762	1771	rBV2	1961522	2761014	73.70%	5.010%
39	12.533	1771	1775	1779	rVB	102021	129773	3.46%	0.235%
40	12.610	1783	1788	1793	rBV	2495358	3179974	84.89%	5.770%
41	12.698	1797	1803	1811	rVV	310117	567994	15.16%	1.031%
42	12.839	1820	1827	1832	rBV	2162031	3197722	85.36%	5.802%
43	12.886	1832	1835	1840	rVB2	110055	158148	4.22%	0.287%
44	12.980	1842	1851	1858	rVB	1617384	2378451	63.49%	4.315%
45	13.057	1858	1864	1871	rBV5	188108	382063	10.20%	0.693%
46	13.163	1874	1882	1886	rVB2	214494	450866	12.04%	0.818%
47	13.227	1886	1893	1896	rBV2	83533	143035	3.82%	0.260%
48	13.269	1896	1900	1907	rVB3	208341	330813	8.83%	0.600%
49	13.363	1912	1916	1918	rVV	101130	129795	3.46%	0.235%
50	13.392	1918	1921	1929	rVB2	123281	171109	4.57%	0.310%
51	13.569	1943	1951	1952	rBV5	46089	119131	3.18%	0.216%
52	13.669	1964	1968	1974	rVB	196563	271540	7.25%	0.493%
53	13.780	1982	1987	1990	rBV2	200198	326537	8.72%	0.592%
54	13.810	1990	1992	1994	rVV	90756	93970	2.51%	0.170%
55	13.874	2000	2003	2011	rVB	272708	407335	10.87%	0.739%
56	14.027	2022	2029	2032	rBV2	1623215	2689205	71.78%	4.879%
57	14.063	2032	2035	2042	rVB	1100167	1511882	40.36%	2.743%
58	14.139	2045	2048	2052	rVB	72421	84351	2.25%	0.153%
59	14.257	2064	2068	2072	rVB3	78845	106138	2.83%	0.193%
60	14.386	2087	2090	2091	rBV	37320	44233	1.18%	0.080%
61	14.416	2091	2095	2099	rVV	194195	273679	7.31%	0.497%
62	14.451	2099	2101	2105	rVB	102781	119658	3.19%	0.217%
63	14.510	2106	2111	2114	rBV4	86284	144817	3.87%	0.263%
64	14.545	2114	2117	2119	rBV	63185	75464	2.01%	0.137%
65	14.616	2126	2129	2134	rVB3	71939	106740	2.85%	0.194%
66	14.727	2144	2148	2151	rBV3	71018	110613	2.95%	0.201%
67	14.810	2159	2162	2165	rBV3	45116	54600	1.46%	0.099%
68	14.886	2171	2175	2177	rBV	102455	154380	4.12%	0.280%
69	14.980	2188	2191	2195	rBV2	40119	55262	1.48%	0.100%
70	15.080	2202	2208	2217	rBV	1185542	2755822	73.56%	5.000%
71	15.186	2222	2226	2232	rVB	186071	259522	6.93%	0.471%
72	15.280	2238	2242	2248	rBV4	54476	143988	3.84%	0.261%
73	15.386	2254	2260	2265	rVB	655297	1032969	27.57%	1.874%
74	15.451	2265	2271	2276	rVB	920128	1388238	37.06%	2.519%
75	15.510	2276	2281	2285	rBV	594054	1037698	27.70%	1.883%
76	15.827	2333	2335	2340	rVB	30625	39532	1.06%	0.072%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.810	2497	2502	2504	rBV	45319	89895	2.40%	0.163%
78	16.992	2527	2533	2542	rVB2	430143	943060	25.17%	1.711%
79	17.174	2558	2564	2569	rBV	79357	177743	4.74%	0.322%
80	17.233	2570	2574	2580	rVV2	60762	120076	3.21%	0.218%
81	17.445	2603	2610	2627	rVB	316111	758727	20.25%	1.377%
82	17.680	2645	2650	2665	rVB2	70550	186520	4.98%	0.338%

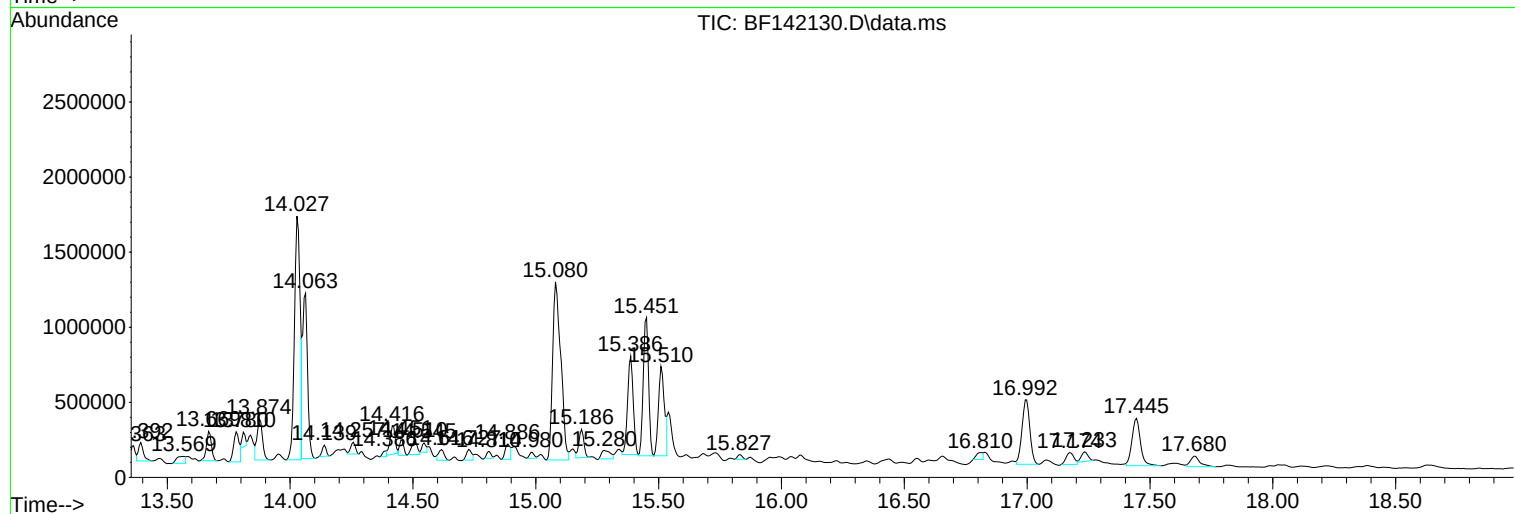
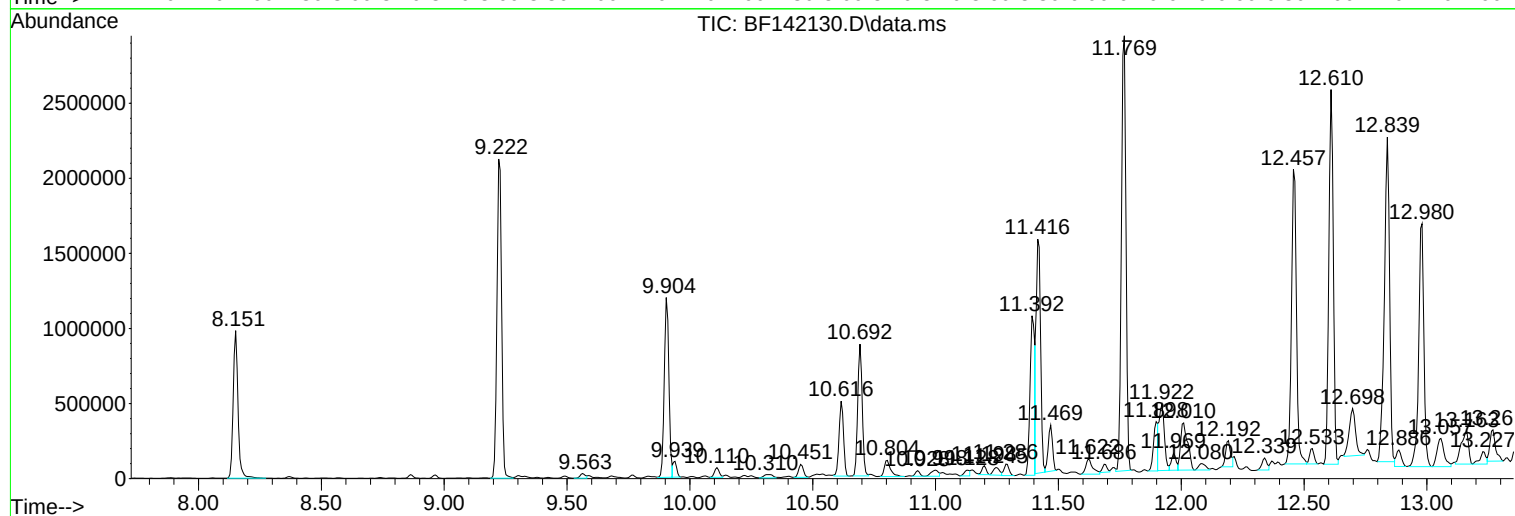
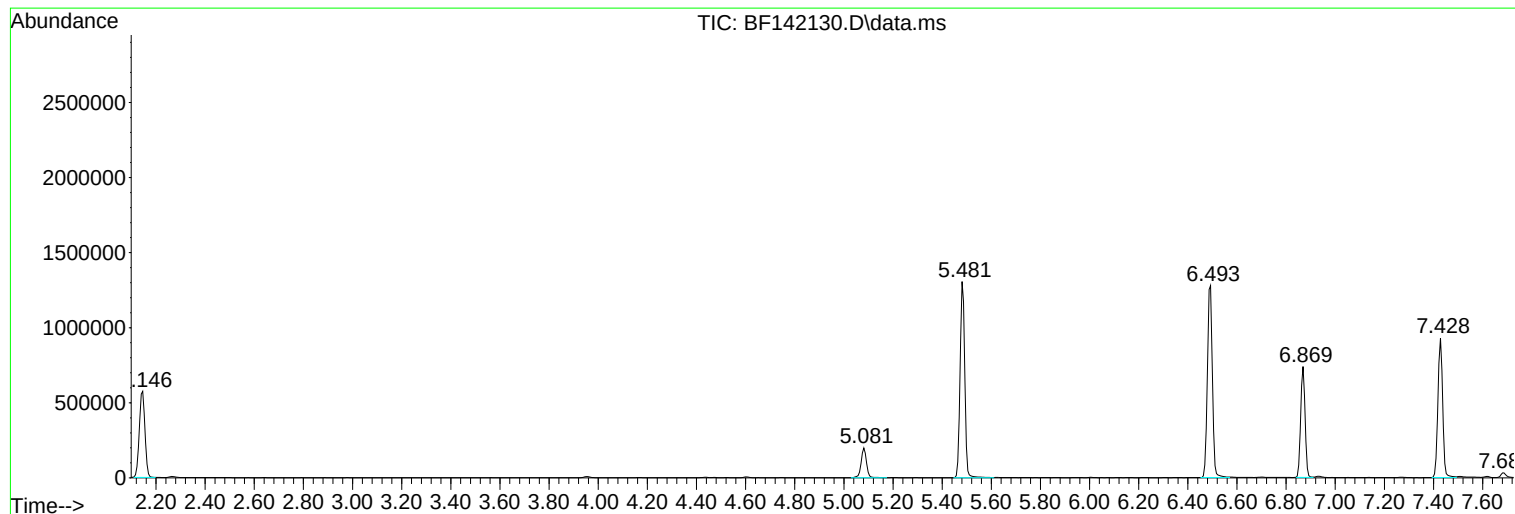
Sum of corrected areas: 55115164

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

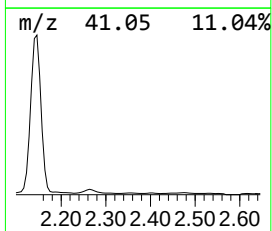
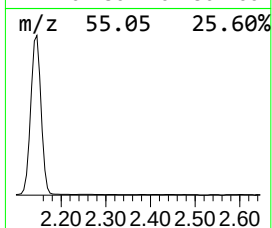
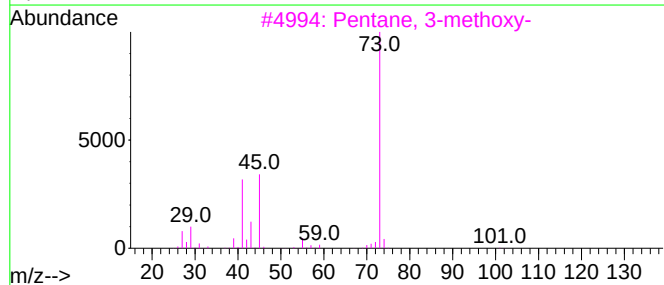
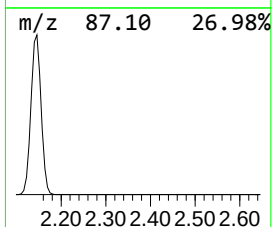
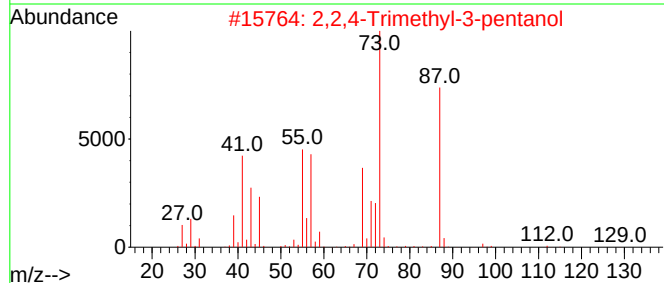
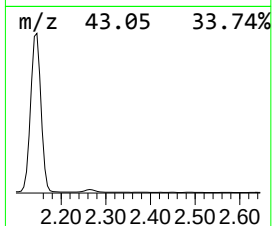
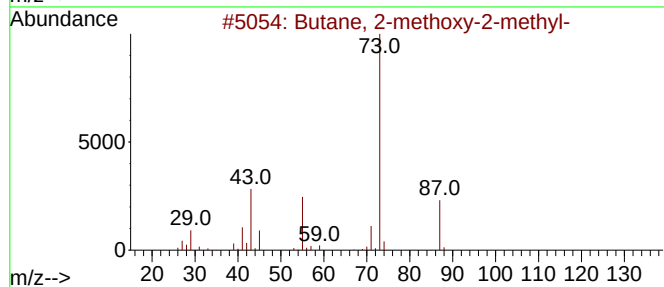
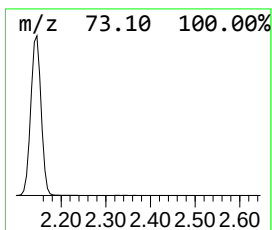
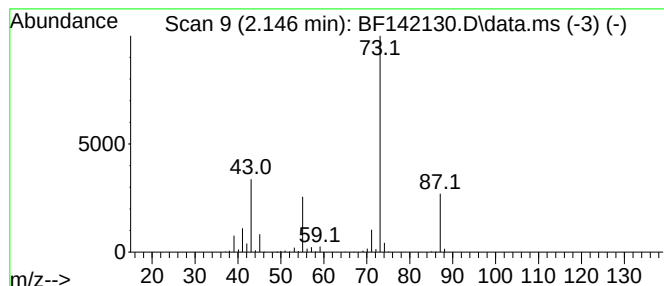
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.146	19.85 ng	913346	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

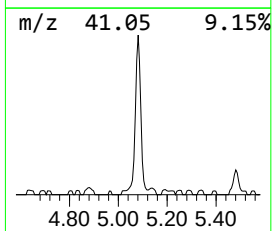
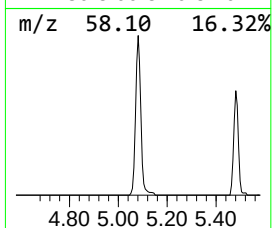
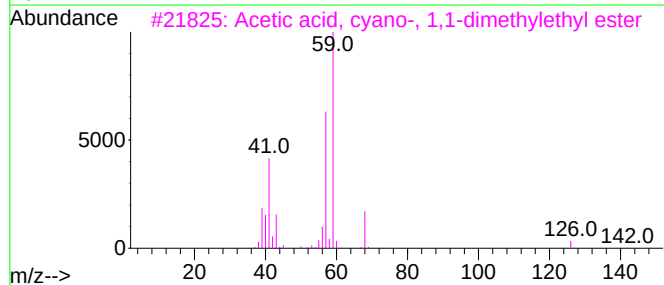
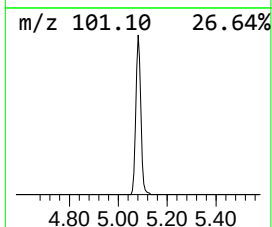
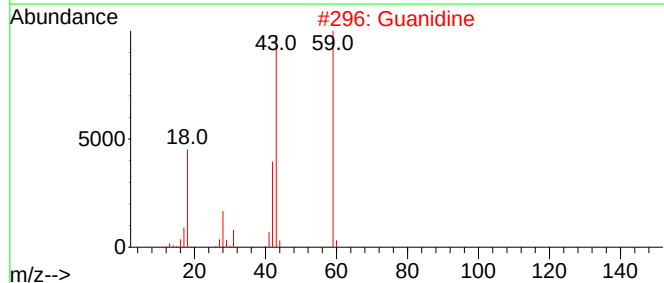
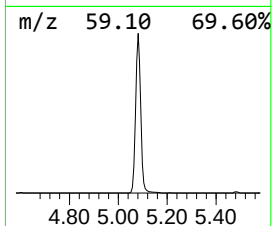
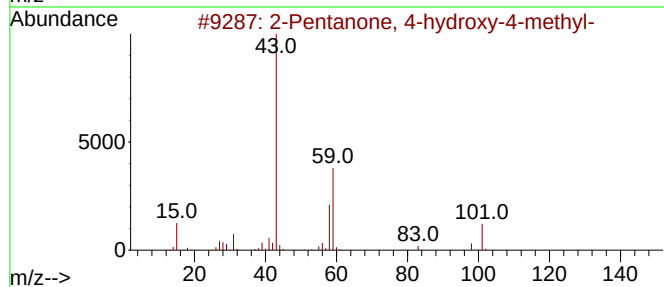
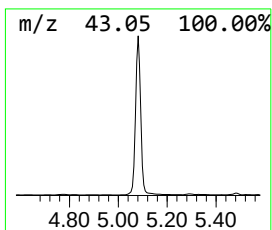
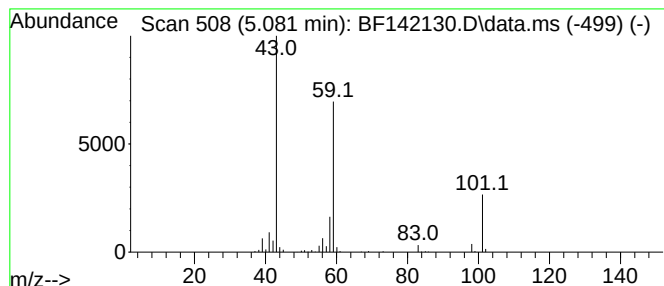
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	6.50 ng	298852	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Guanidine	59	CH5N3	000113-00-8	43		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

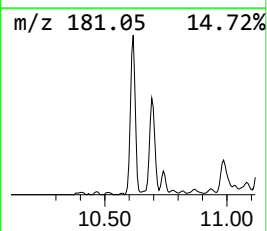
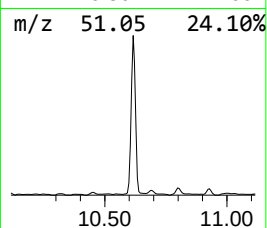
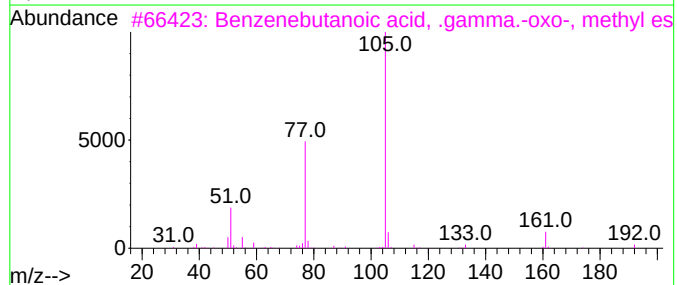
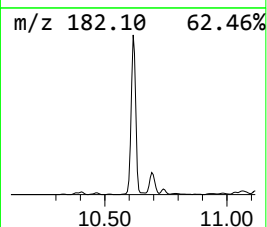
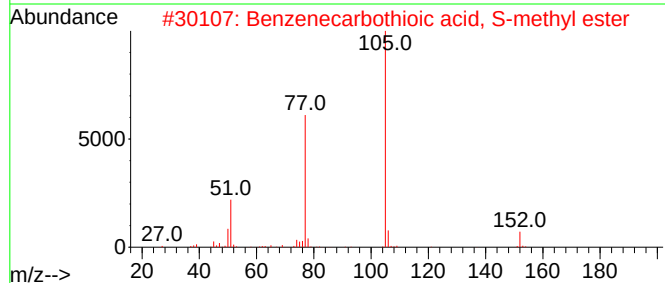
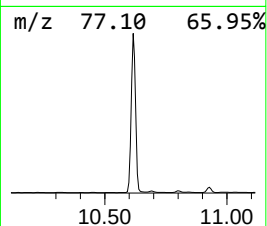
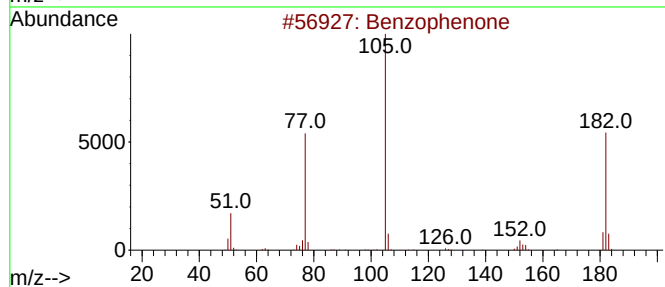
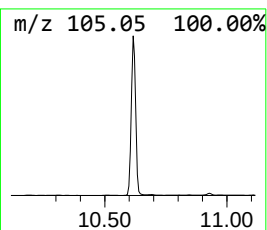
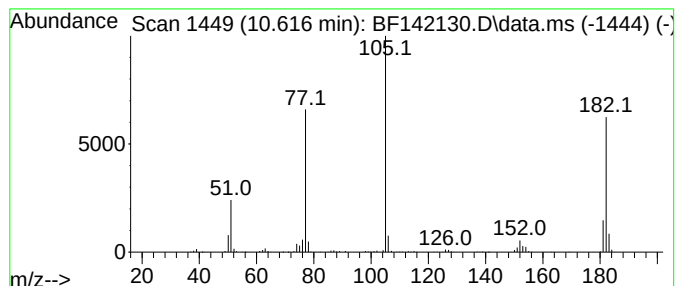
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	8.19 ng	630513	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
4			N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

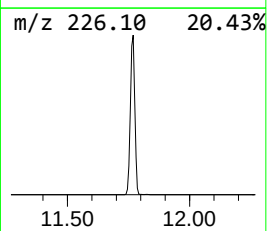
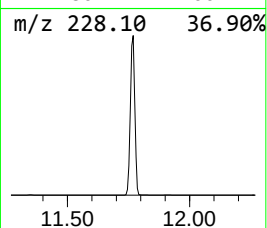
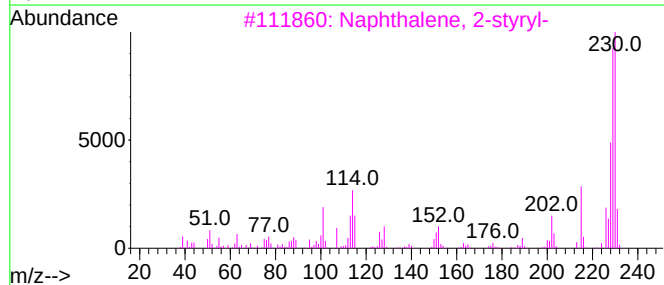
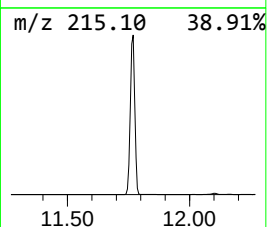
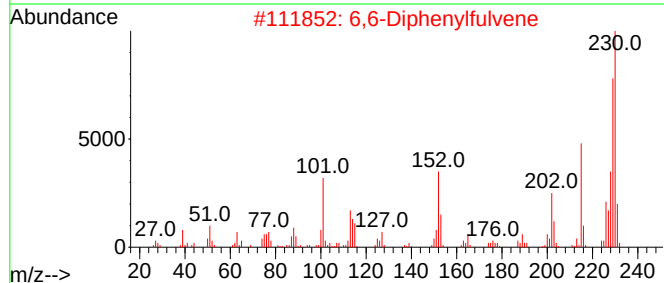
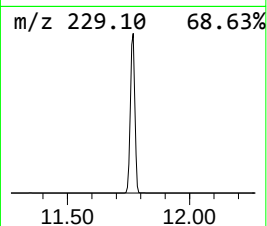
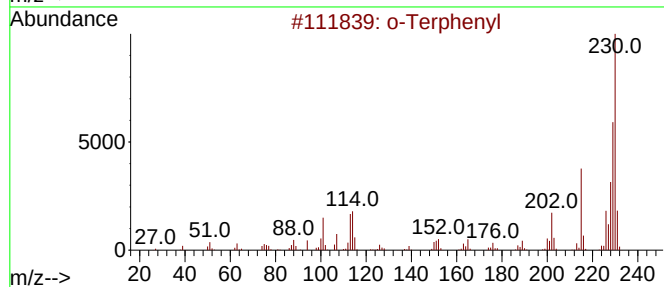
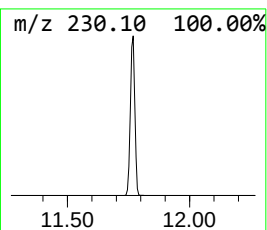
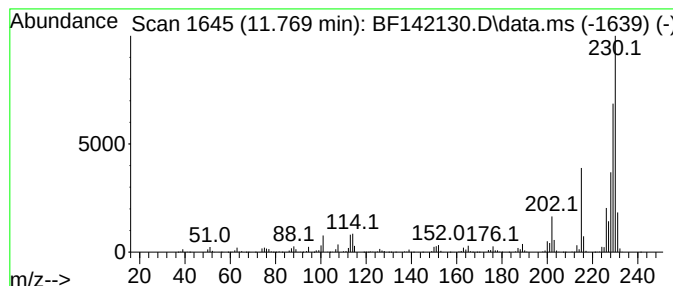
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.769	51.76 ng	3746200	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	97
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	89
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

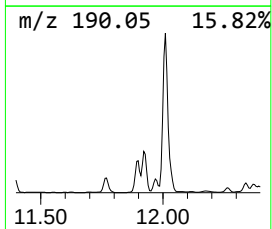
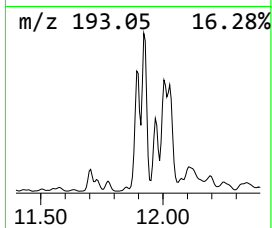
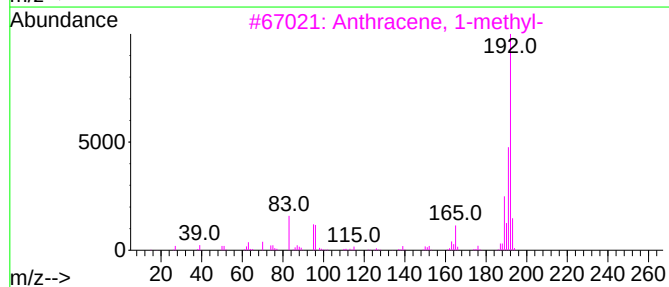
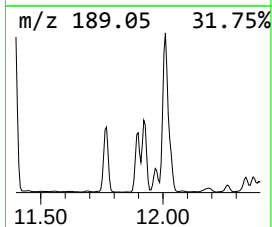
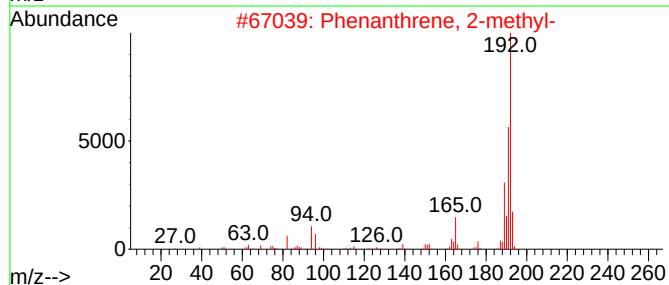
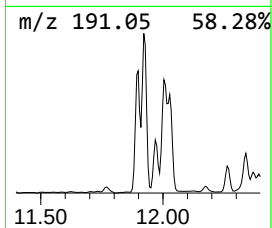
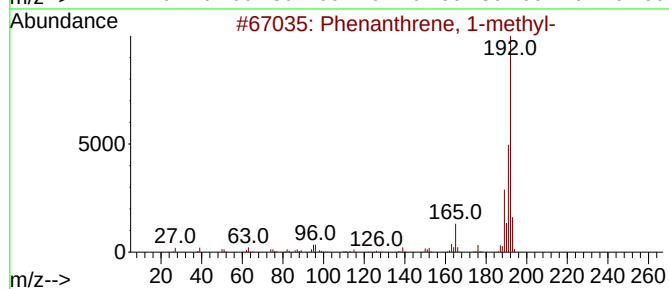
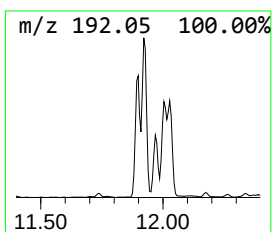
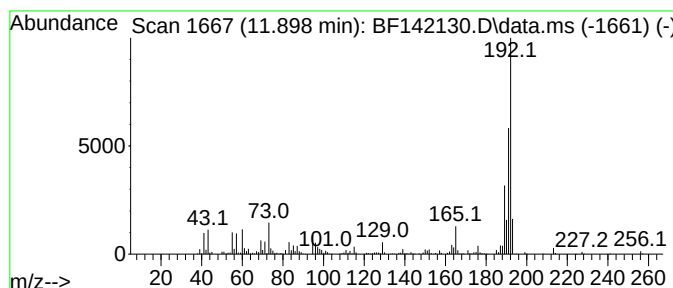
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.898	5.71 ng	413229	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

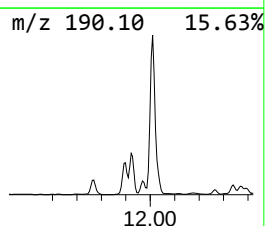
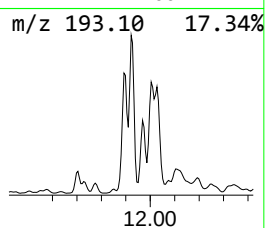
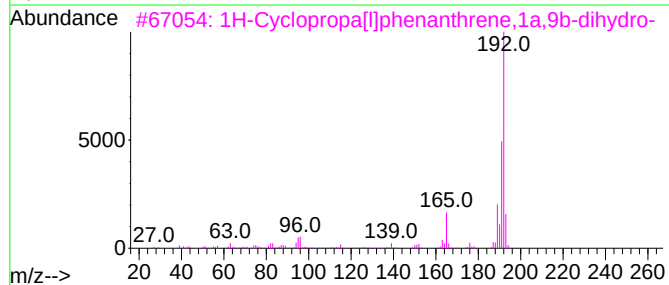
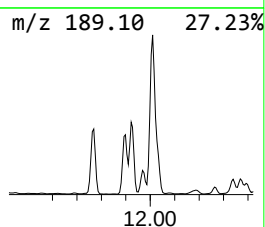
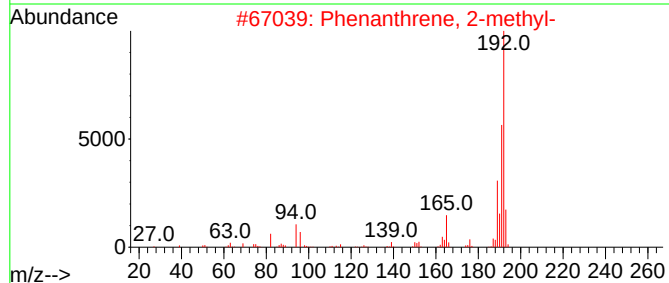
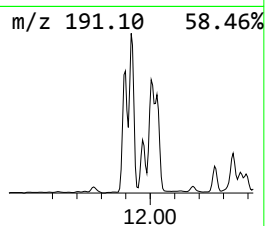
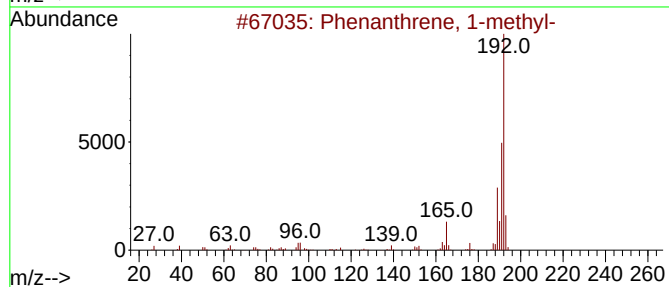
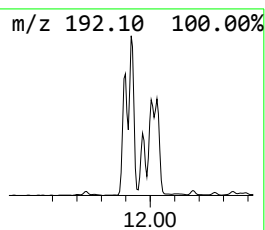
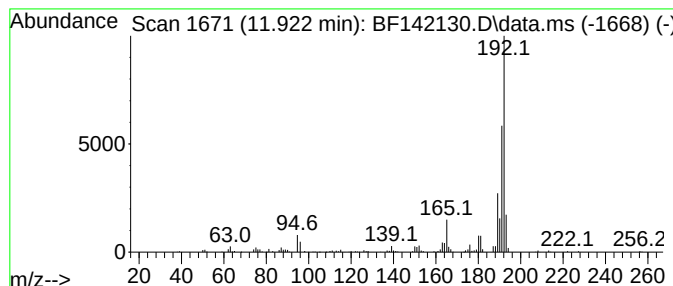
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	9.08 ng	657382	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

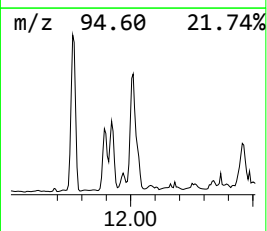
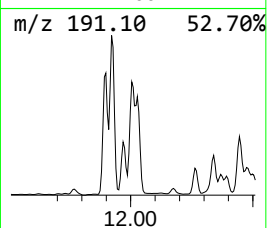
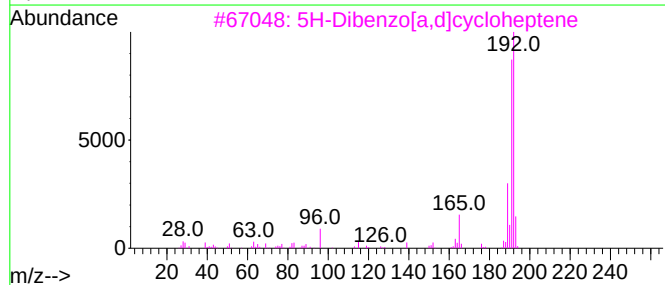
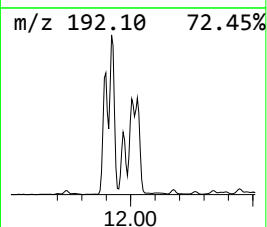
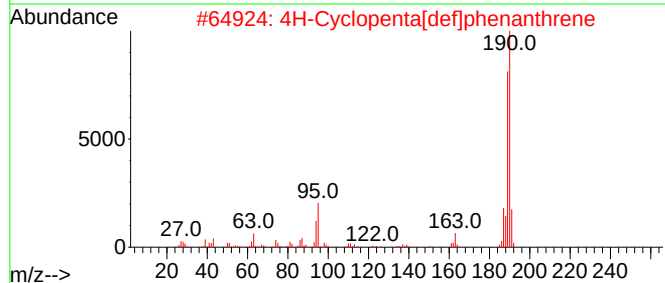
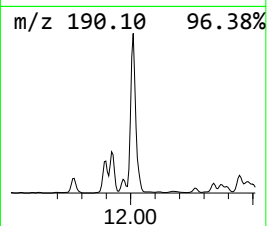
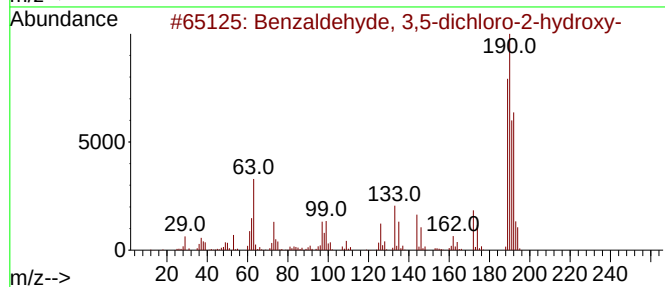
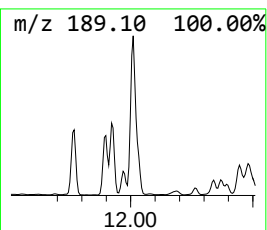
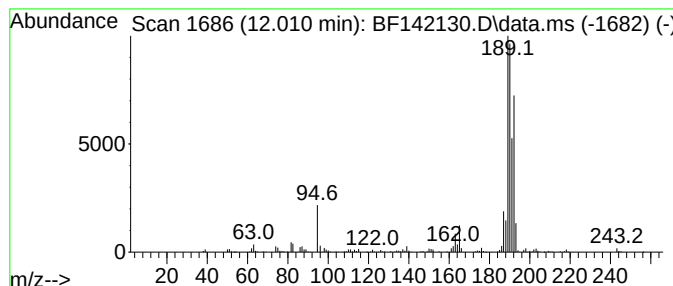
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.010	8.64 ng	625459	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	38
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	38
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

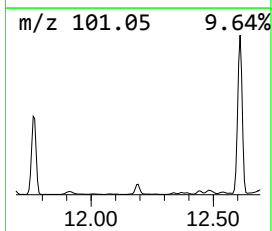
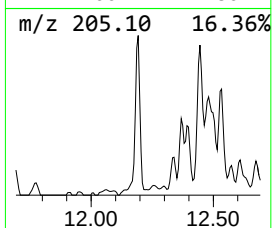
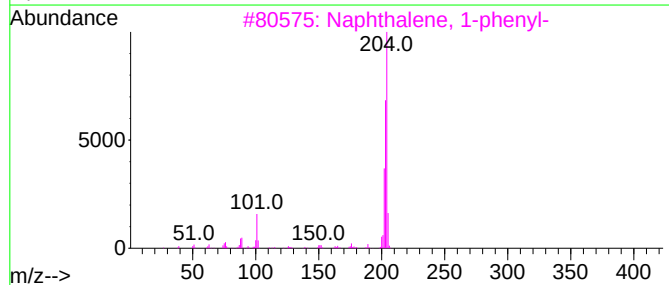
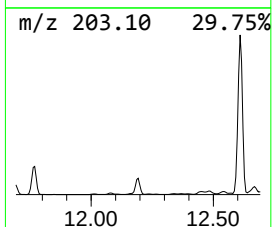
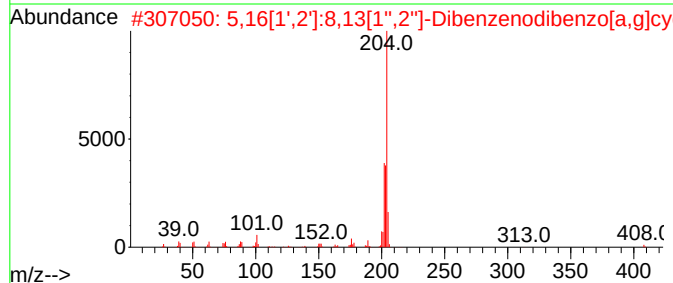
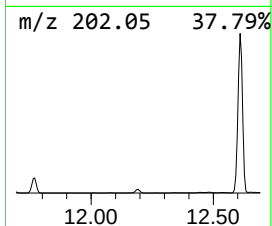
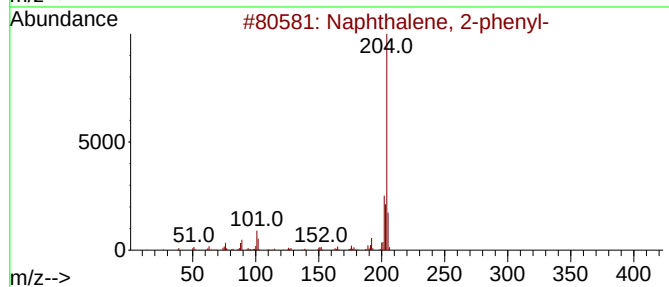
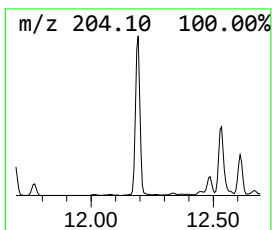
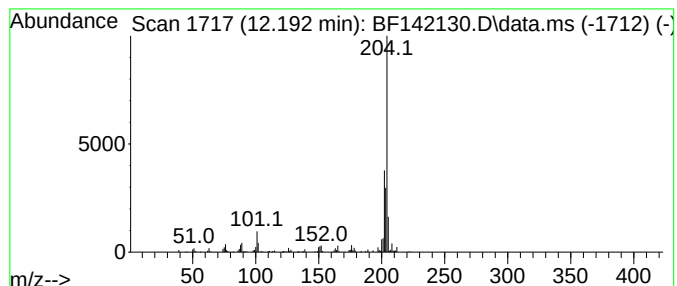
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.49 ng	252525	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
5			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

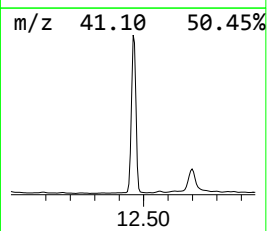
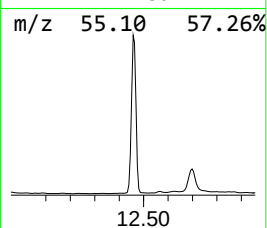
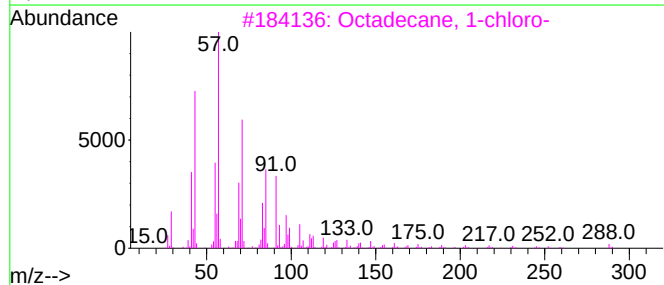
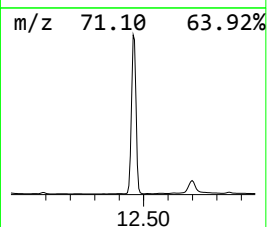
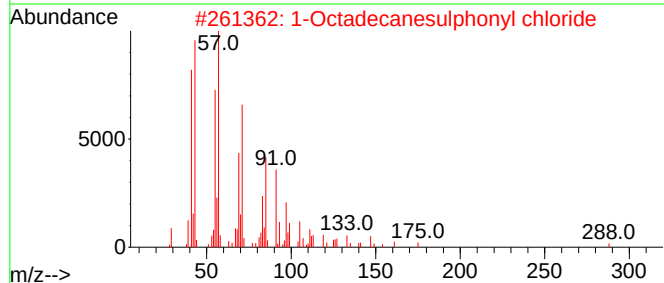
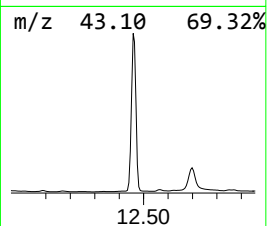
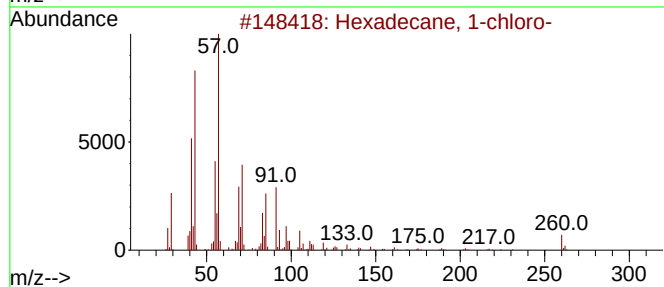
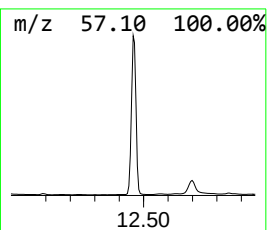
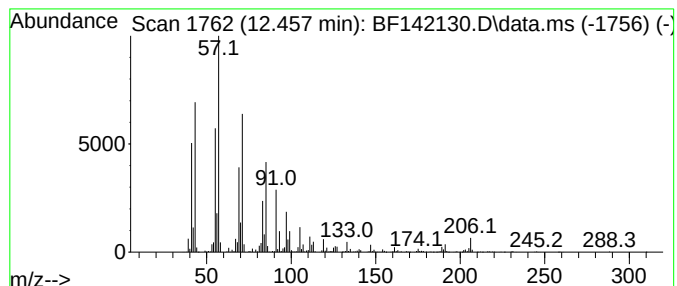
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	38.15 ng	2761010	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	91
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
4			Tritetracontane	605	C43H88	007098-21-7	80
5			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

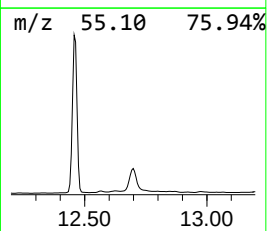
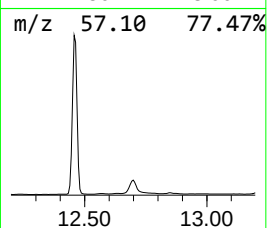
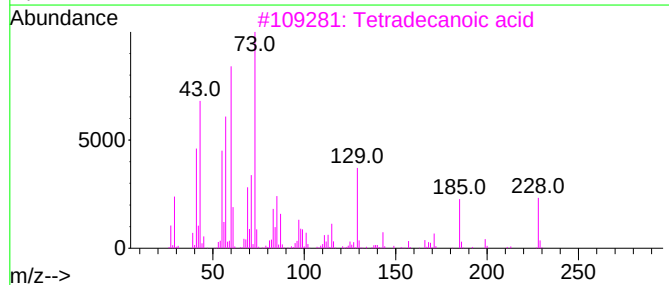
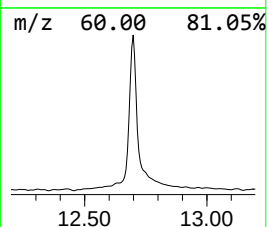
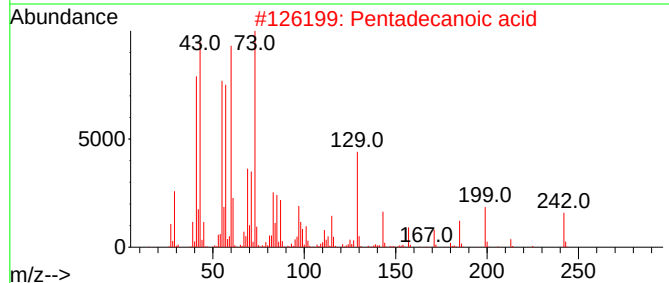
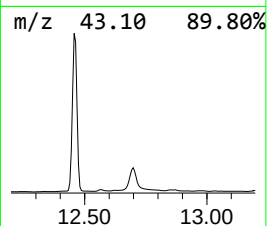
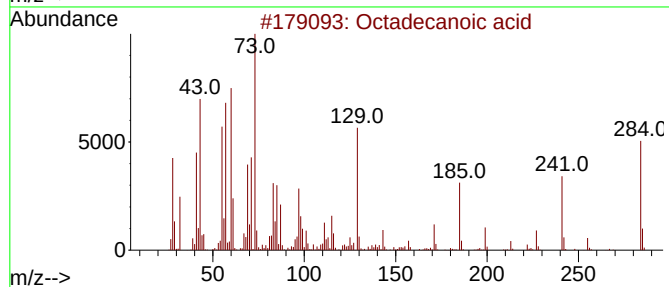
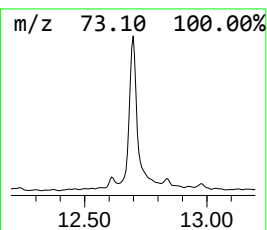
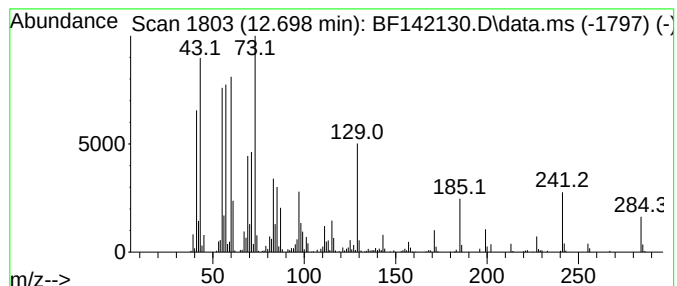
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	7.85 ng	567994	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

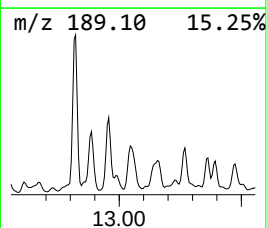
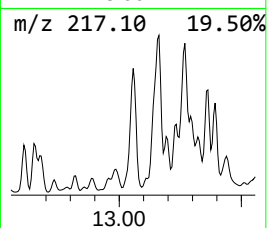
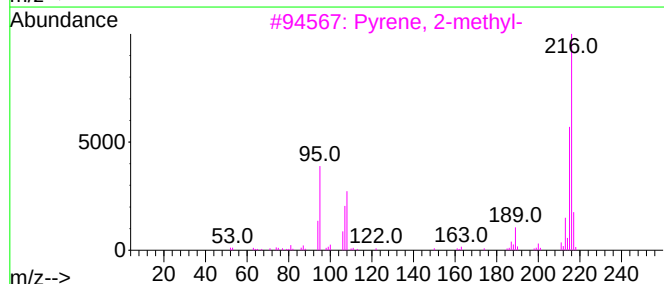
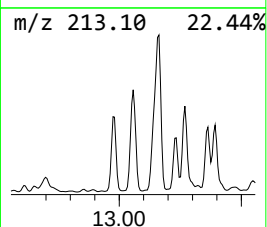
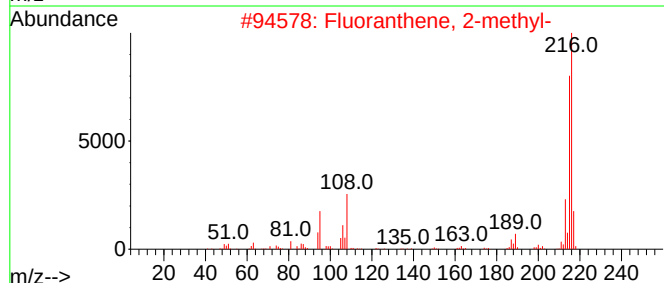
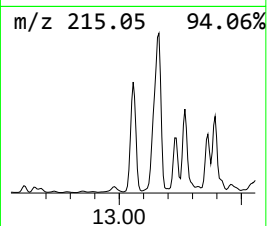
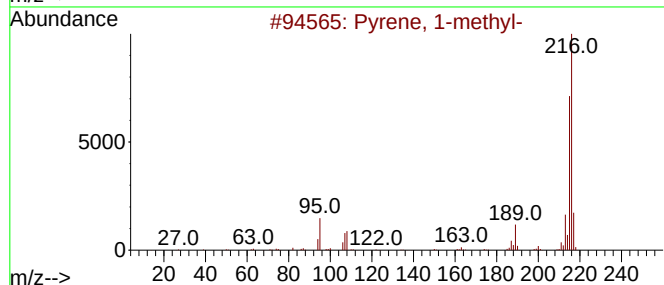
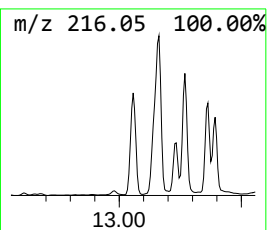
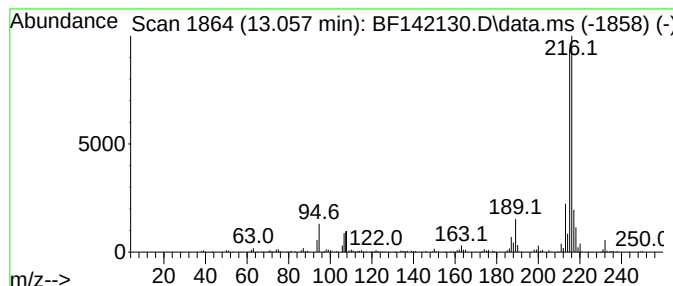
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.84 ng	382063	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

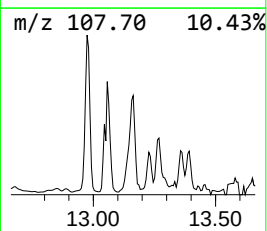
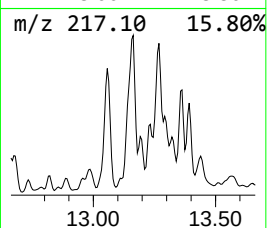
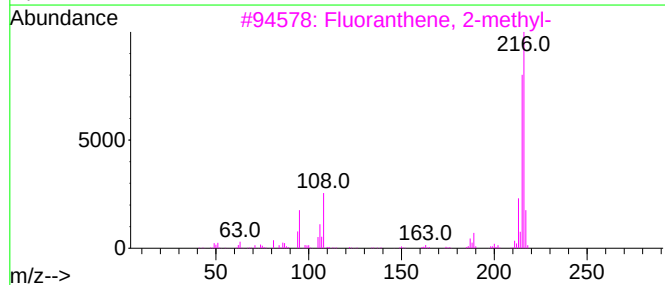
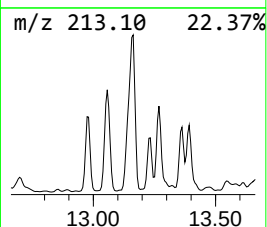
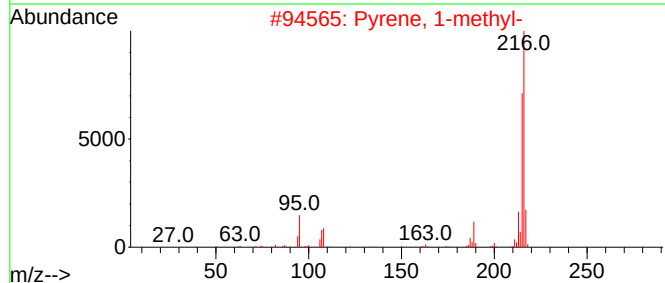
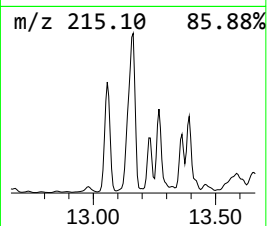
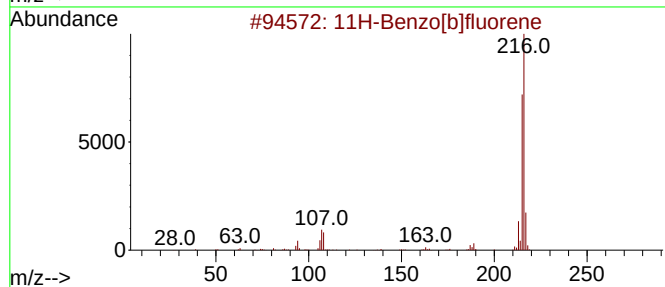
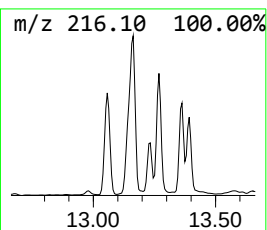
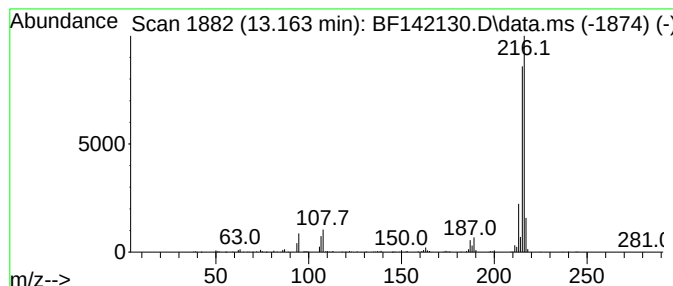
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.35 ng	450866	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

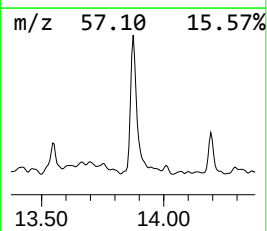
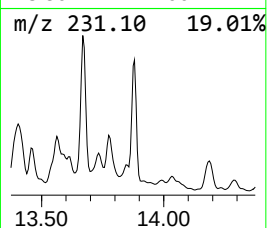
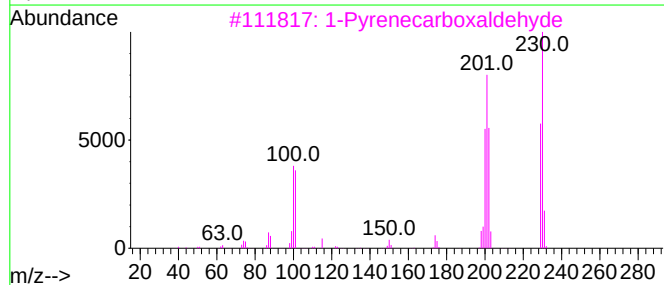
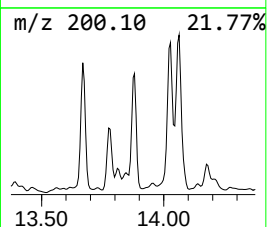
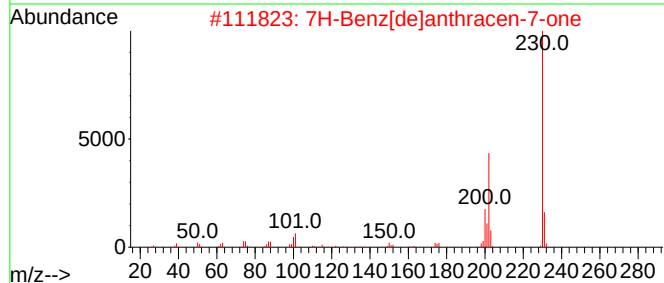
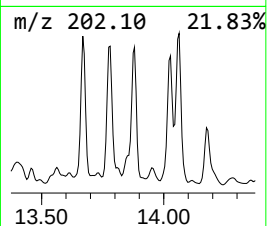
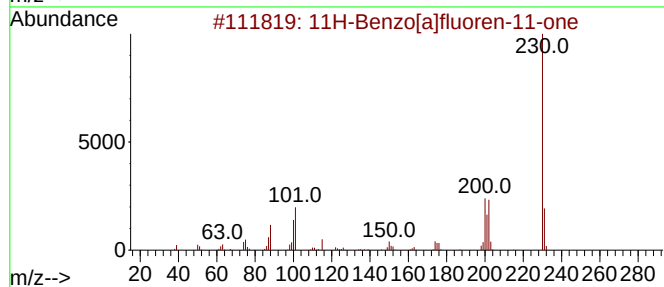
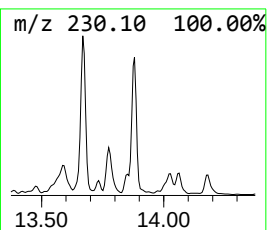
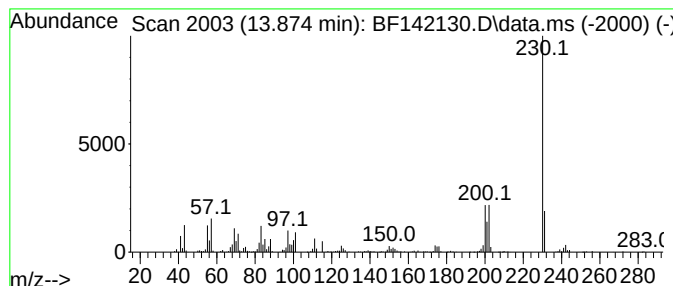
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.03 ng	407335	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	62
5			o-Terphenyl	230	C18H14	000084-15-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

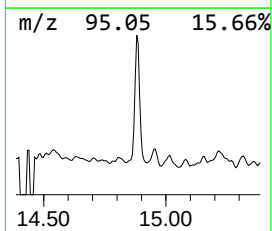
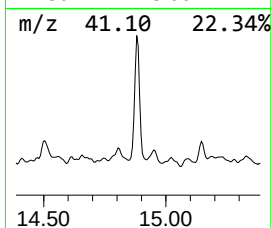
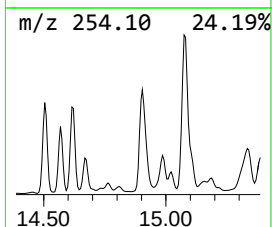
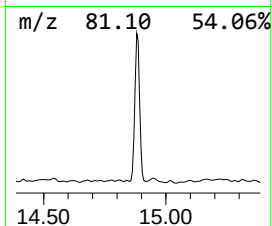
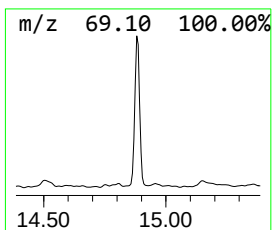
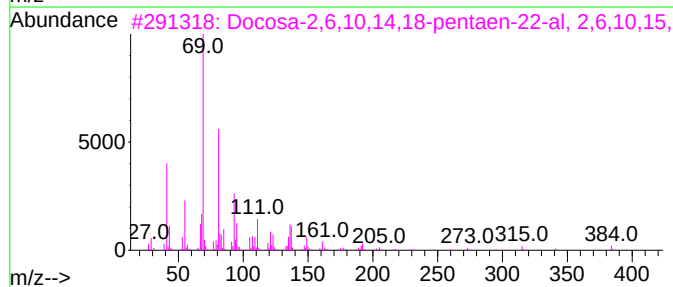
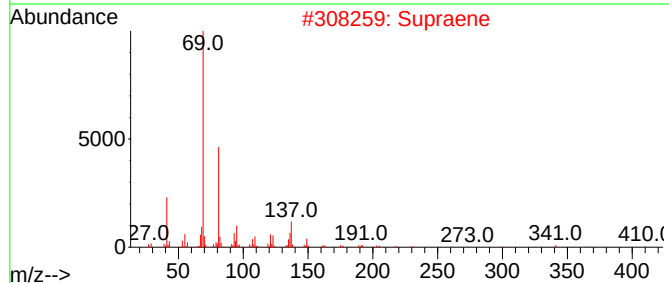
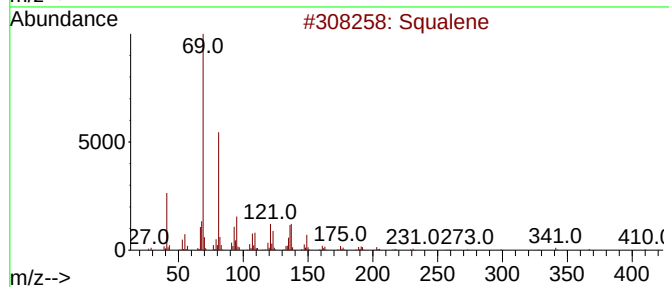
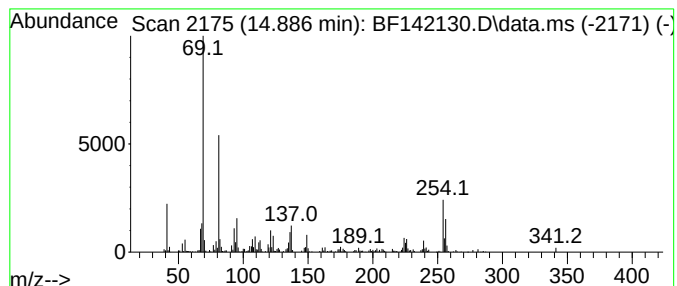
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.886	2.98 ng	154380	Perylene-d12	15.510	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	76
2	Supraene	410	C30H50	007683-64-9	68
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64
4	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	59
5	trans-Farnesol	222	C15H26O	000106-28-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

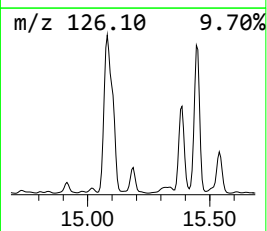
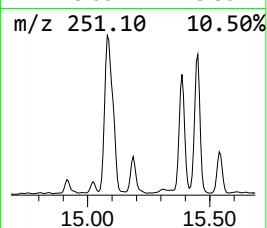
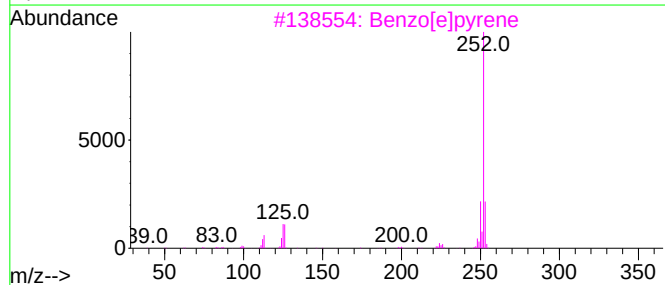
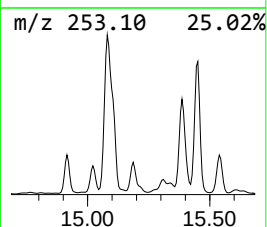
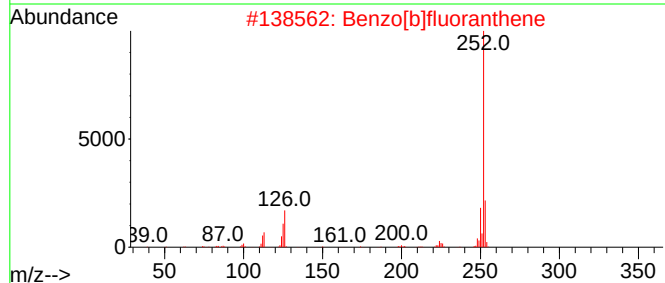
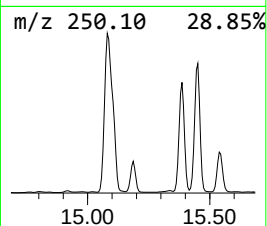
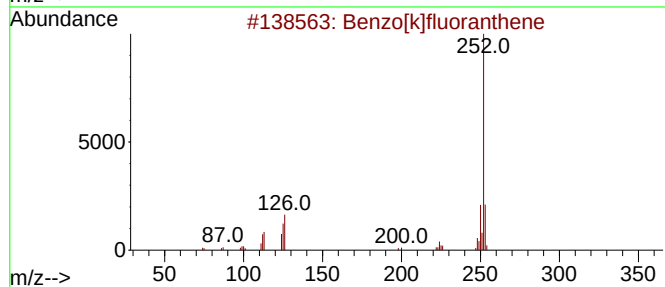
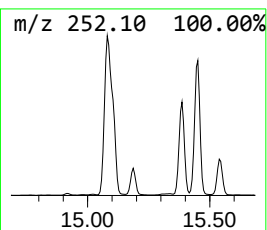
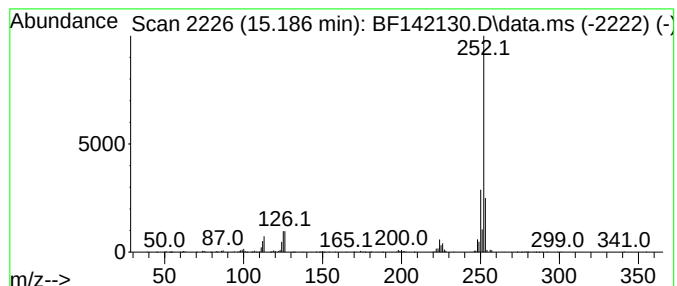
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.186	5.00 ng	259522	Perylene-d12	15.510	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

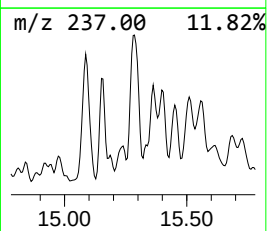
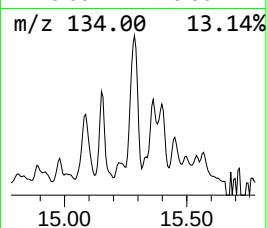
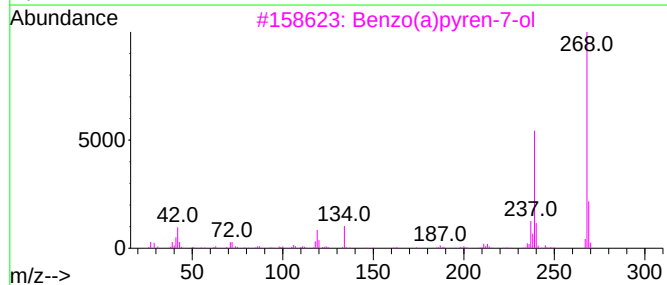
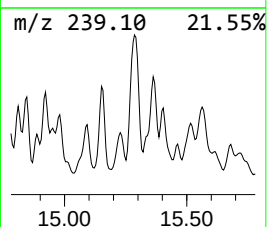
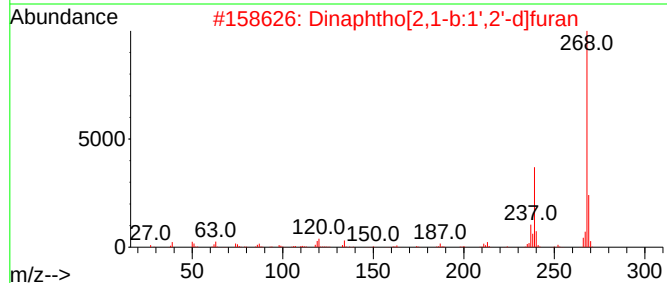
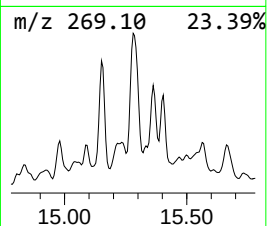
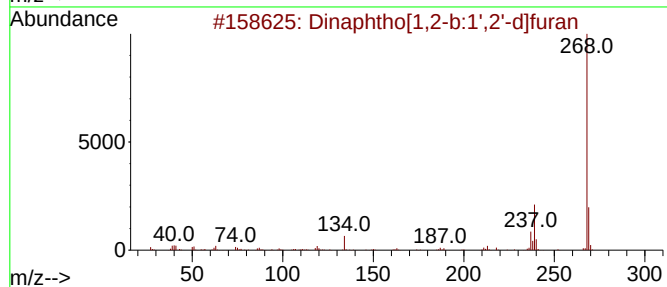
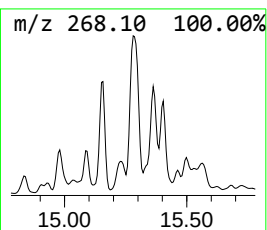
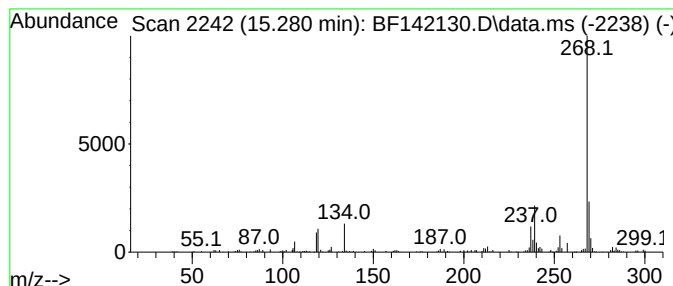
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.280	2.78 ng	143988	Perylene-d12	15.510	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	90
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	72
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

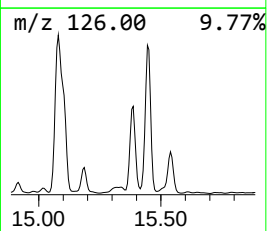
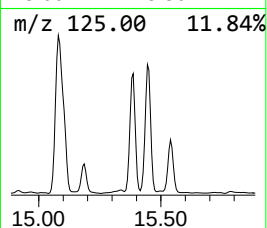
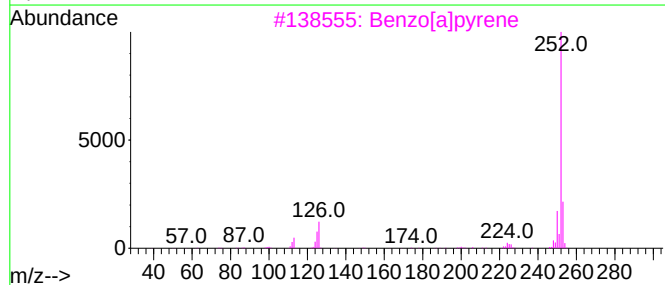
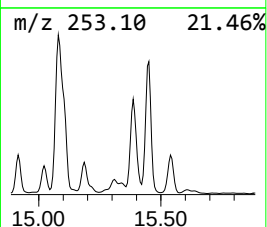
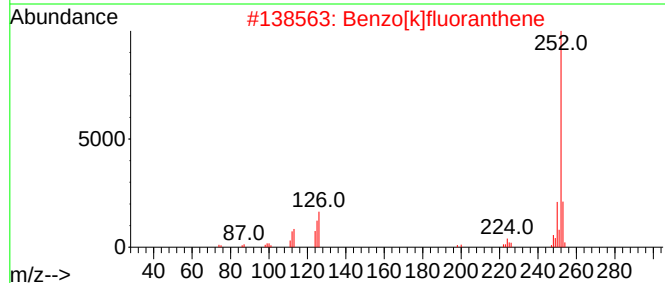
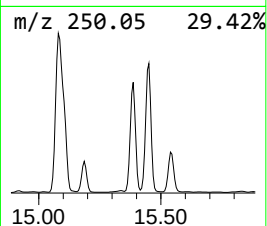
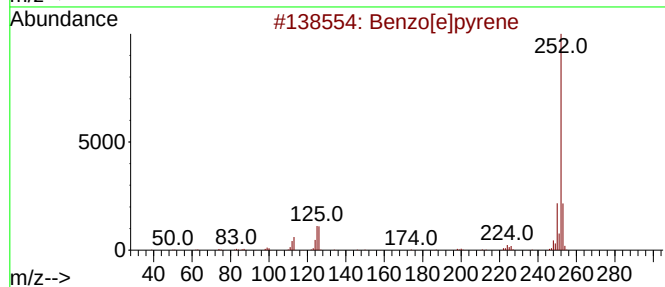
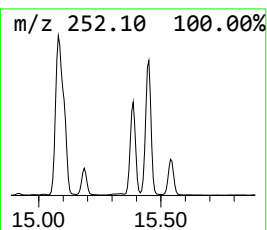
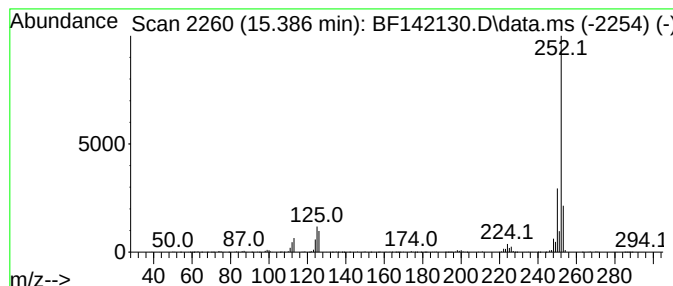
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	19.91 ng	1032970	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

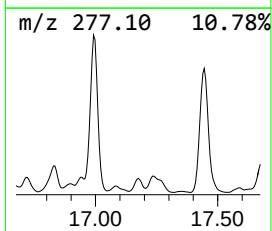
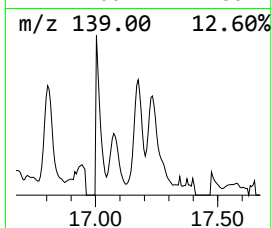
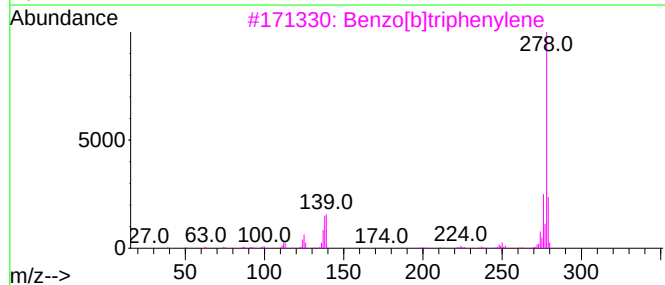
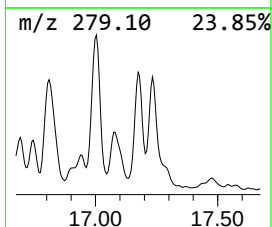
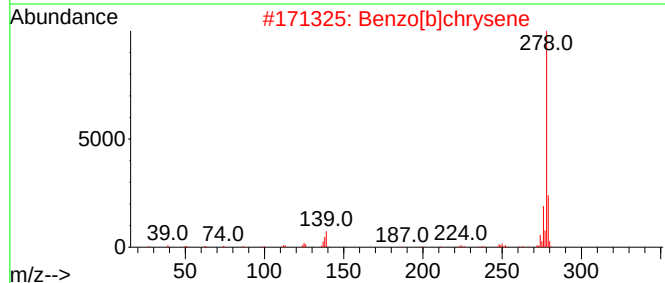
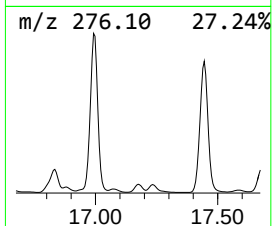
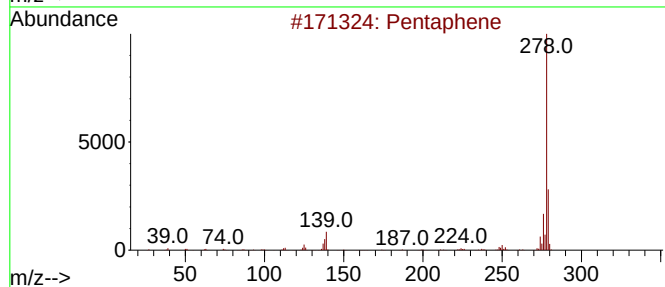
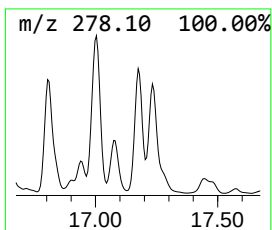
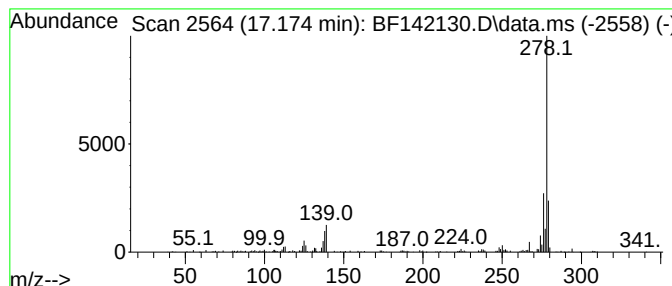
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentaphene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	3.43 ng	177743	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentaphene	278	C22H14	000222-93-5	98
2			Benzo[b]chrysene	278	C22H14	000214-17-5	97
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	97
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
5			Picene	278	C22H14	000213-46-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

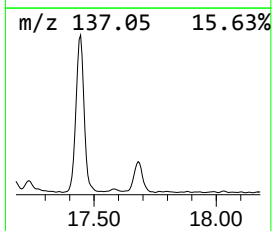
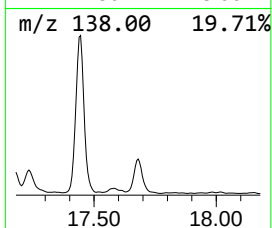
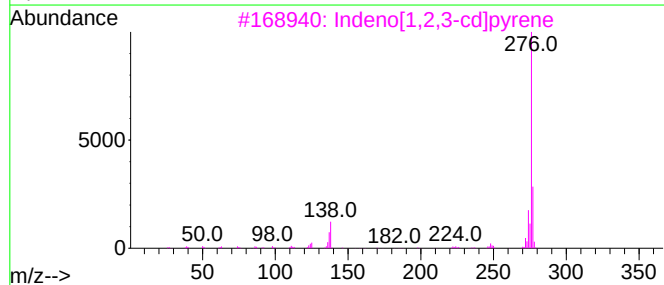
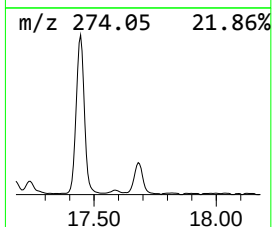
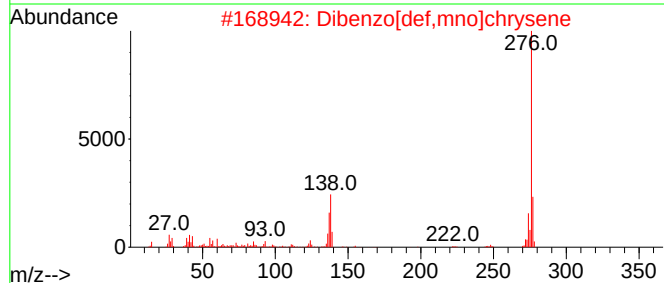
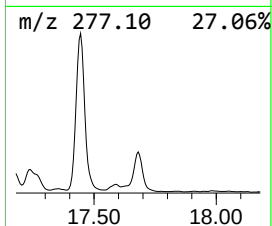
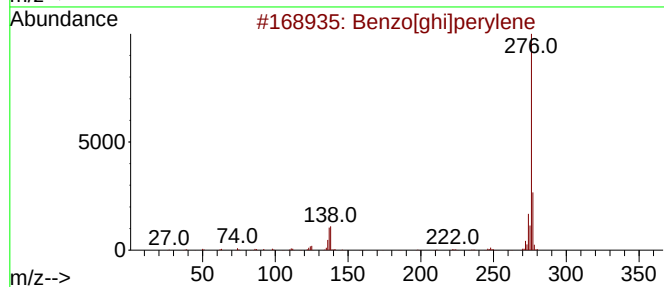
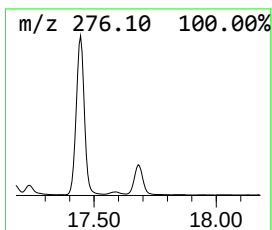
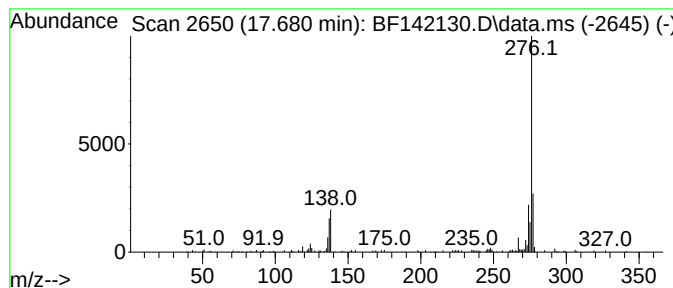
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	3.59 ng	186520	Perylene-d12	15.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		Phenol, 2-(4-chlorophenylimino...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142130.D
Acq On : 27 Mar 2025 17:46
Operator : RC/JU
Sample : Q1648-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.146	19.9	ng	913346	1	6.869	920102	20.0
2-Pentanone, 4-...	5.081	6.5	ng	298852	1	6.869	920102	20.0
Benzophenone	10.616	8.2	ng	630513	3	9.904	1540410	20.0
o-Terphenyl	11.769	51.8	ng	3746200	4	11.392	1447570	20.0
Phenanthrene, 1...	11.898	5.7	ng	413229	4	11.392	1447570	20.0
Phenanthrene, 2...	11.922	9.1	ng	657382	4	11.392	1447570	20.0
Benzaldehyde, 3...	12.010	8.6	ng	625459	4	11.392	1447570	20.0
Naphthalene, 2-...	12.192	3.5	ng	252525	4	11.392	1447570	20.0
Hexadecane, 1-c...	12.457	38.1	ng	2761010	4	11.392	1447570	20.0
Octadecanoic acid	12.698	7.8	ng	567994	4	11.392	1447570	20.0
Pyrene, 1-methyl-	13.057	2.8	ng	382063	5	14.033	2689210	20.0
11H-Benzo[b]flu...	13.163	3.4	ng	450866	5	14.033	2689210	20.0
11H-Benzo[a]flu...	13.874	3.0	ng	407335	5	14.033	2689210	20.0
Squalene	14.886	3.0	ng	154380	6	15.510	1037700	20.0
Benzo[e]pyrene	15.186	5.0	ng	259522	6	15.510	1037700	20.0
Dinaphtho[1,2-b...	15.280	2.8	ng	143988	6	15.510	1037700	20.0
Benzo[j]fluoran...	15.386	19.9	ng	1032970	6	15.510	1037700	20.0
Pentaphene	17.174	3.4	ng	177743	6	15.510	1037700	20.0
Dibenzo[def,mno...	17.680	3.6	ng	186520	6	15.510	1037700	20.0