LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	4	12	26	rVB	1083927	1731787	16.59%	1.607%
2	5.163	498	505	522	rVB	188696	282942	2.71%	0.262%
3	5.569	568	574	594	rBV	1626009	2210674	21.18%	2.051%
4	6.563	737	743	763	rBV	1652659	2228255	21.35%	2.067%
5	6.934	801	806	813	rBV	690747	860429	8.24%	0.798%
6	7.487	894	900	912	rBV	1128688	1507829	14.44%	1.399%
7	8.210	1018	1023	1035	rBV	761094	1062867	10.18%	0.986%
8	8.928	1140	1145	1150	rBV	112288	146022	1.40%	0.135%
9	9.287	1200	1206	1211	rBV	1979922	2467258	23.64%	2.289%
10	9.387	1216	1223	1228	rBV	77351	117049	1.12%	0.109%
11	9.551	1246	1251	1256	rBV	150239	233636	2.24%	0.217%
12	9.628	1258	1264	1266	rBV	170155	239830	2.30%	0.222%
13	9.745	1279	1284	1292	rVB2	81782	127786	1.22%	0.119%
14	9.828	1293	1298	1304	rVB	170114	218458	2.09%	0.203%
15	9.969	1313	1322	1324	rBV	769338	1061218	10.17%	0.985%
16	9.998	1324	1327	1332	rVV	1016425	1316273	12.61%	1.221%
17	10.128	1344	1349	1352	rBV	138748	193295	1.85%	0.179%
18	10.175	1352	1357	1360	rBV	609543	774360	7.42%	0.718%
19	10.210	1360	1363	1369	rVB	89127	116888	1.12%	0.108%
20	10.375	1386	1391	1397	rBV2	151815	265161	2.54%	0.246%
21	10.516	1410	1415	1420	rBV	1145518	1437762	13.77%	1.334%
22	10.581	1420	1426	1432	rBV3	230687	633322	6.07%	0.588%
23	10.675	1438	1442	1449	rVB	468983	628203	6.02%	0.583%
24	10.757	1450	1456	1461	rBV	1004366	1383959	13.26%	1.284%
25	10.881	1471	1477	1482	rVB4	145695	240238	2.30%	0.223%
26	10.951	1482	1489	1493	rBV4	65318	132453	1.27%	0.123%
27	11.063	1501	1508	1511	rBV3	268254	460840	4.41%	0.428%
28	11.092	1511	1513	1516	rVV2	115245	139771	1.34%	0.130%
29	11.145	1519	1522	1525	rVV	107622	137266	1.31%	0.127%
30	11.192	1525	1530	1531	rVV3	168843	235641	2.26%	0.219%
31	11.216	1531	1534	1539	rVV	218458	379761	3.64%	0.352%
32	11.263	1539	1542	1545	rVV3	141937	195424	1.87%	0.181%
33	11.310	1545	1550	1554	rVV3	247388	434909	4.17%	0.403%
34	11.351	1554	1557	1563	rVB	366660	473973	4.54%	0.440%
35	11.486	1570	1580	1584	rBV2	3818406	6092896	58.37%	5.653%
36	11.533	1584	1588	1592	rVV	1194678	1602167	15.35%	1.486%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.563	1592	1593	1599	rVB	176667	170813	1.64%	0.158%
38	11.681	1608	1613	1621	rBV3	392134	760151	7.28%	0.705%
39	11.751	1621	1625	1628	rVV	227348	306175	2.93%	0.284%
40	11.786	1628	1631	1636	rVB2	78764	105265	1.01%	0.098%
41	11.957	1655	1660	1662	rBV	572272	750762	7.19%	0.696%
42	11.986	1662	1665	1669	rVV	829026	1055800	10.11%	0.979%
43	12.033	1669	1673	1676	rVV	370813	491635	4.71%	0.456%
44	12.075	1676	1680	1687	rVB	1511068	2329482	22.32%	2.161%
45	12.251	1706	1710	1713	rBV	390097	510945	4.89%	0.474%
46	12.280	1713	1715	1719	rVB	293947	312861	3.00%	0.290%
47	12.404	1731	1736	1739	rBV2	204889	310630	2.98%	0.288%
48	12.510	1749	1754	1757	rBV	330160	512844	4.91%	0.476%
49	12.545	1757	1760	1766	rVB2	217329	369389	3.54%	0.343%
50	12.604	1766	1770	1777	rBV	623470	865884	8.29%	0.803%
51	12.686	1777	1784	1789	rBV	5801195	10437885	99.99%	9.683%
52	12.822	1802	1807	1816	rBV2	356029	678869	6.50%	0.630%
53	12.916	1816	1823	1828	rBV2	5343190	10438818	100.00%	9.684%
54	12.951	1828	1829	1835	rVB2	383417	391492	3.75%	0.363%
55	13.039	1837	1844	1852	rBV3	1746250	3391401	32.49%	3.146%
56	13.122	1852	1858	1866	rBV4	701717	1474125	14.12%	1.368%
57	13.233	1869	1877	1881	rBV2	1274700	2439432	23.37%	2.263%
58	13.298	1884	1888	1891	rBV	1196393	1530586	14.66%	1.420%
59	13.333	1891	1894	1902	rVB3	727290	1353738	12.97%	1.256%
60	13.427	1907	1910	1913	rBV	449332	603383	5.78%	0.560%
61	13.457	1913	1915	1922	rVB3	429612	577123	5.53%	0.535%
62	13.716	1956	1959	1960	rBV2	184605	207181	1.98%	0.192%
63	13.739	1960	1963	1967	rVB	501179	671531	6.43%	0.623%
64	13.851	1978	1982	1985	rBV2	724904	1095896	10.50%	1.017%
65	13.880	1985	1987	1989	rVV	498537	587961	5.63%	0.545%
66	13.910	1989	1992	1996	rVB2	648311	965121	9.25%	0.895%
67	14.022	2008	2011	2016	rVB	193413	285684	2.74%	0.265%
68	14.104	2017	2025	2028	rBV2	3151591	6576362	63.00%	6.101%
69	14.133	2028	2030	2037	rVB	2581695	3496583	33.50%	3.244%
70	14.216	2040	2044	2050	rVV2	589850	927395	8.88%	0.860%
71	14.322	2059	2062	2066	rVB2	379803	472962	4.53%	0.439%
72	14.451	2082	2084	2086	rBV2	164328	188306	1.80%	0.175%
73	14.492	2087	2091	2094	rVV	642872	970834	9.30%	0.901%
74	14.522	2094	2096	2100	rVB3	360104	436400	4.18%	0.405%
75	14.616	2110	2112	2114	rBV2	222075	248566	2.38%	0.231%
76	14.804	2141	2144	2154	rVB4	282436	558364	5.35%	0.518%

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.174	2200	2207	2216	rBV	2696699	6899924	66.10%	6.401%
78	15.274	2221	2224	2229	rVB	400491	517694	4.96%	0.480%
79	15.480	2254	2259	2265	rVB	1395151	2345047	22.46%	2.176%
80	15.545	2265	2270	2275	rVV	1536466	2459607	23.56%	2.282%
81	15.610	2276	2281	2283	rVV2	538934	899689	8.62%	0.835%
82	15.639	2284	2286	2295	rVB2	538915	838010	8.03%	0.777%
83	17.127	2533	2539	2550	rVB3	497551	1383340	13.25%	1.283%
84	17.592	2611	2618	2635	rVB	329304	818601	7.84%	0.759%

Sum of corrected areas: 107791148

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
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Misc :
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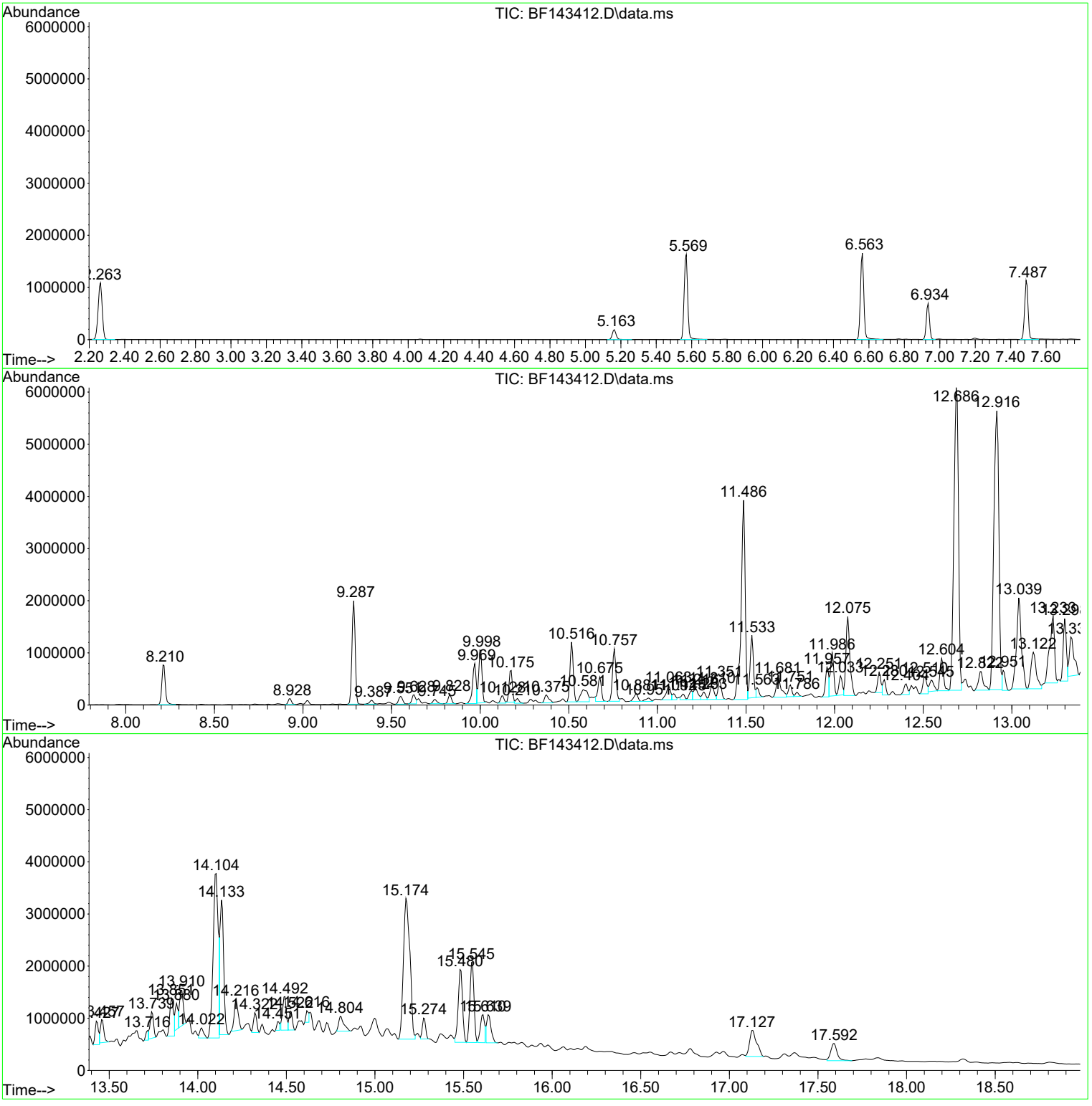
Instrument :
BNA_F
ClientSampleId :
VNJ 216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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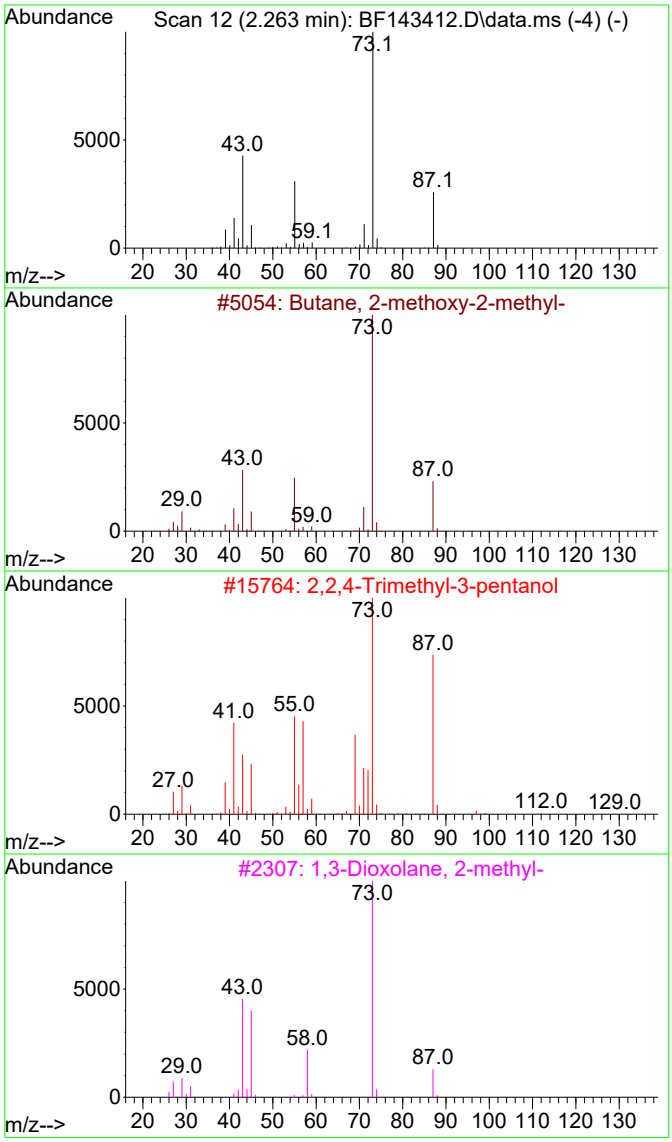
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

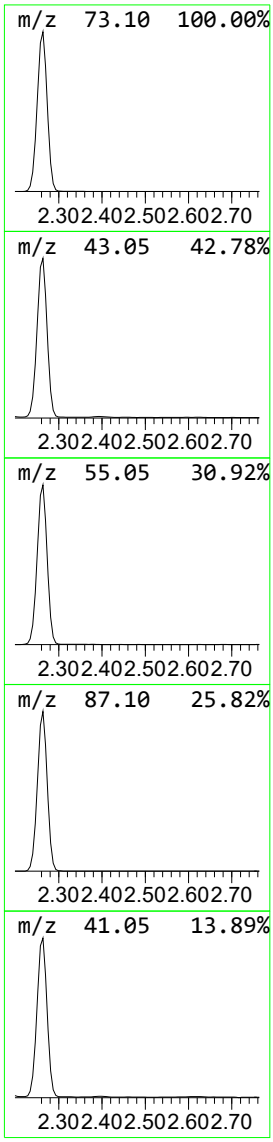
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	40.25 ng	1731790	1,4-Dichlorobenzene-d4	6.934

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

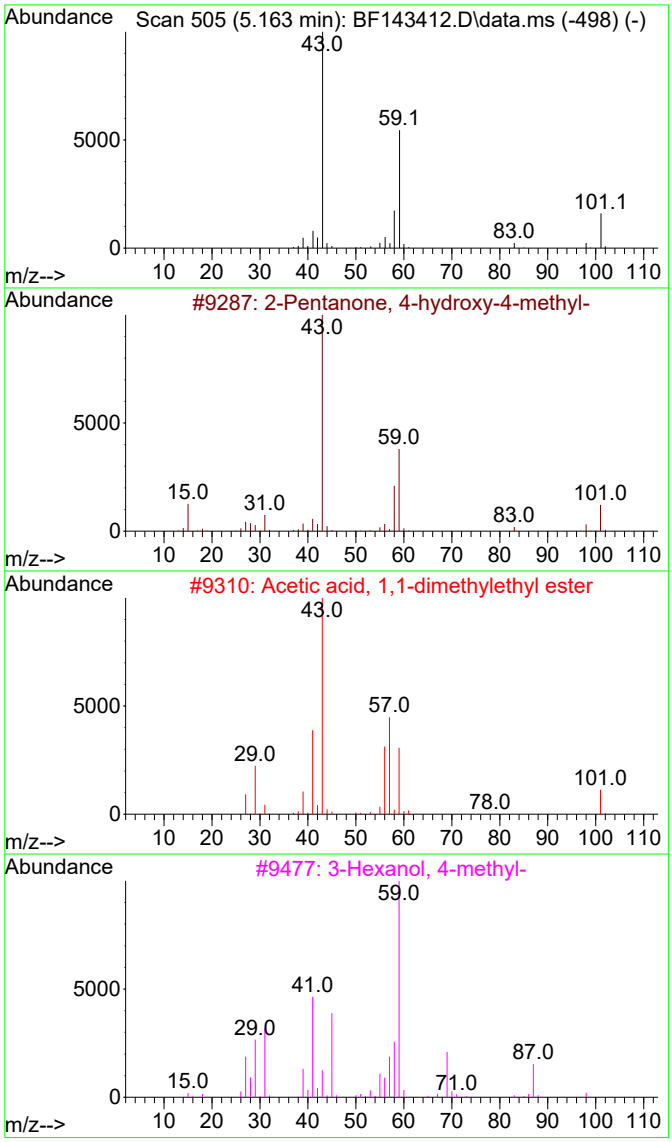
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

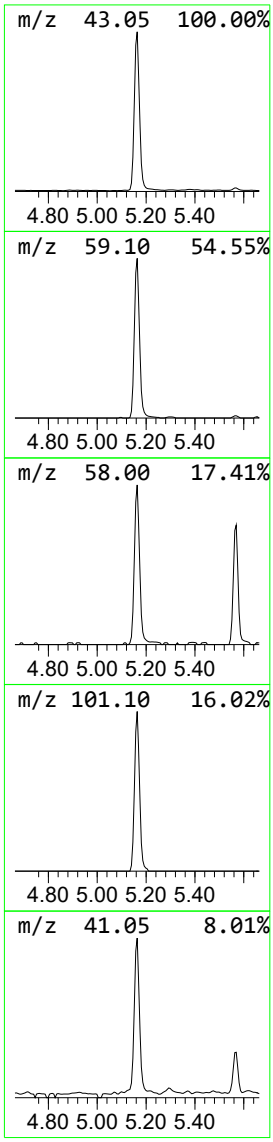
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	6.58 ng	282942	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Octanol	130	C8H18O	000589-98-0	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

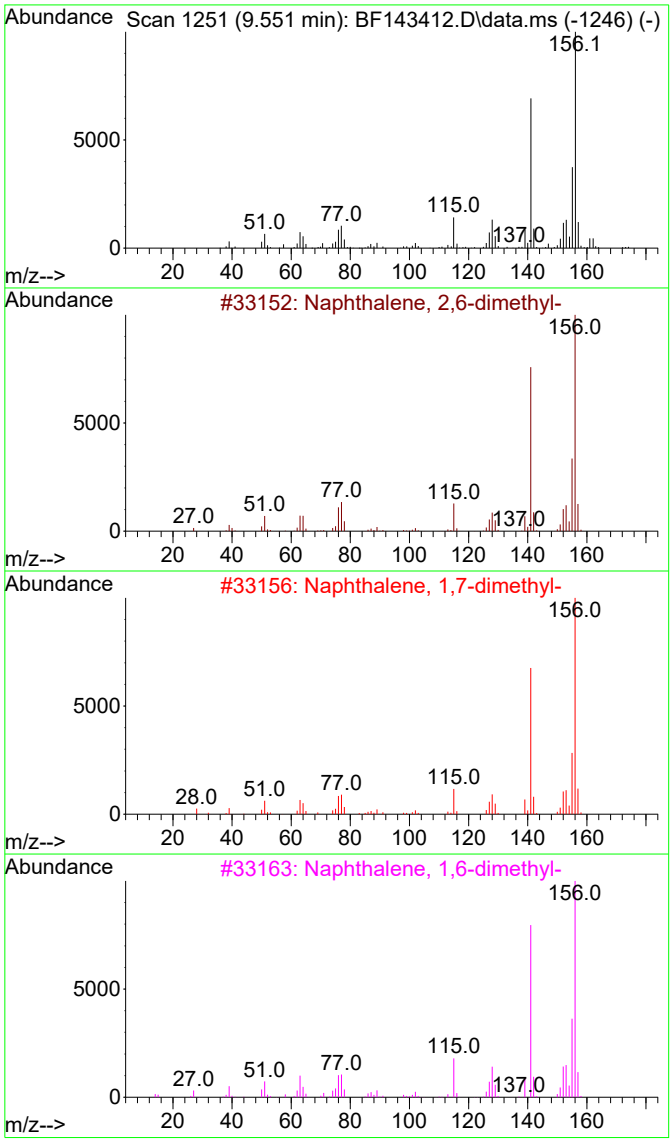
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

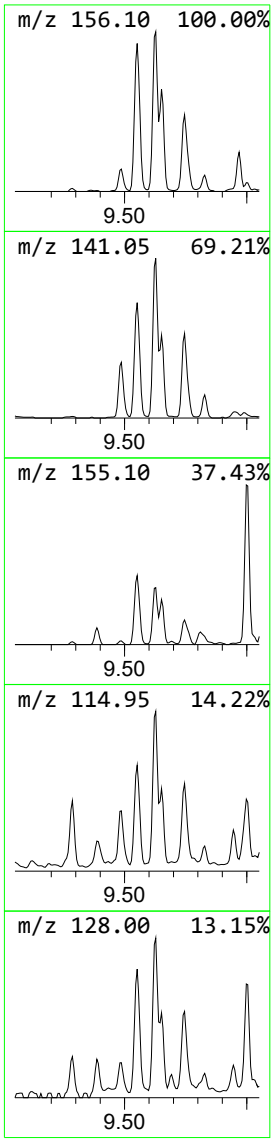
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	4.40 ng	233636	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

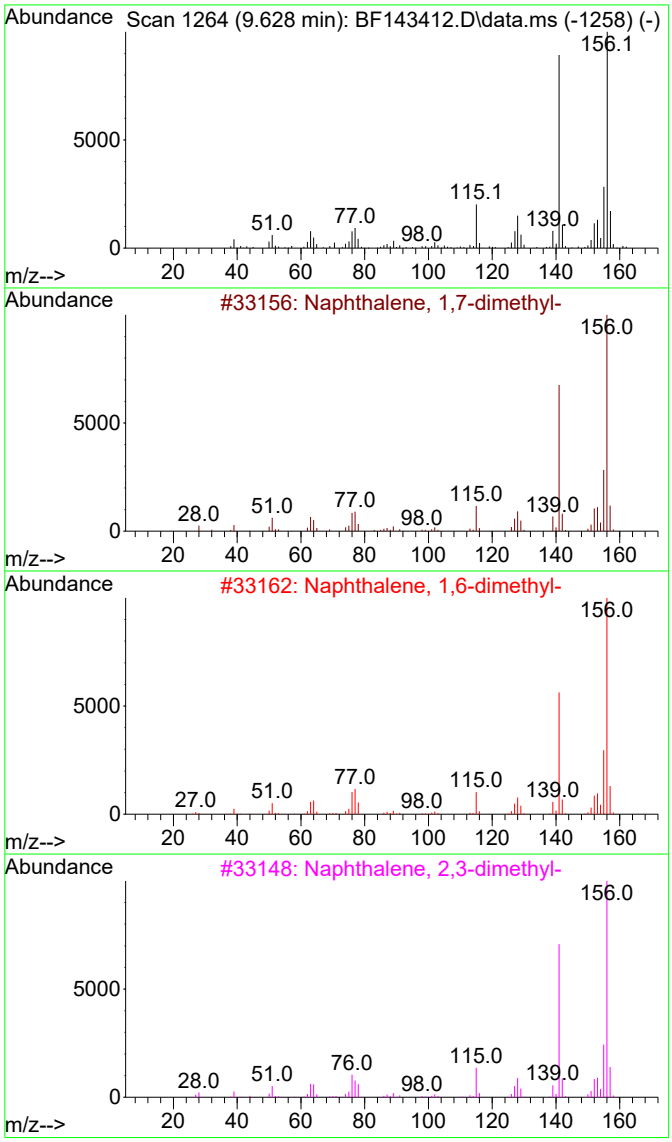
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

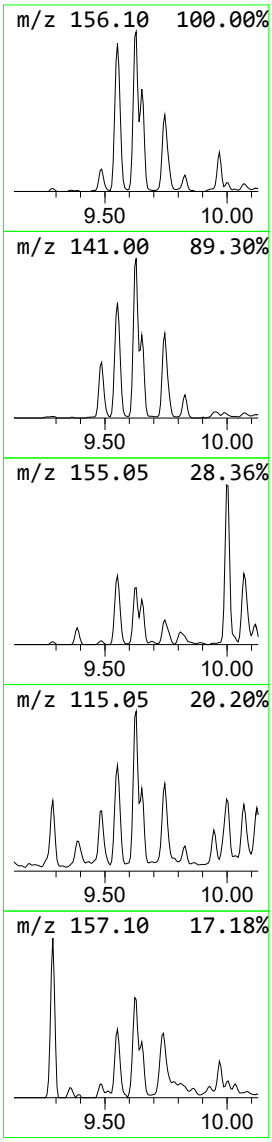
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	4.52 ng	239830	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

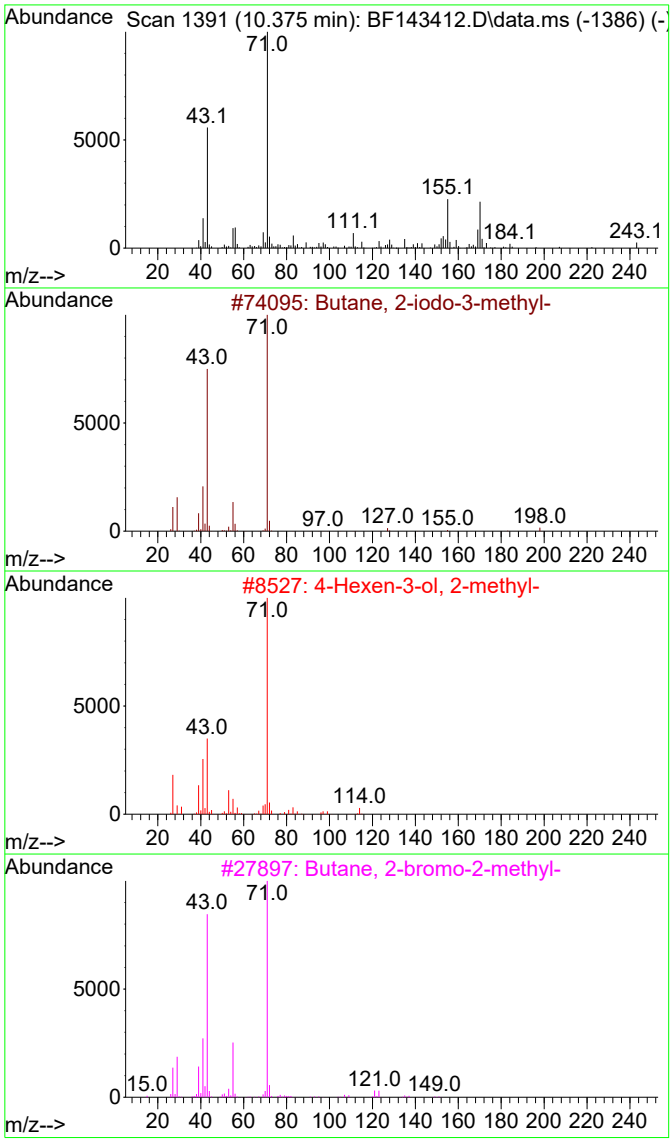
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

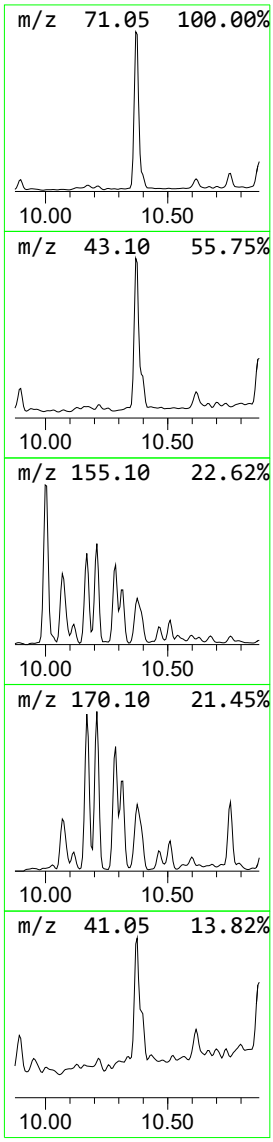
****

Peak Number 5 unknown10.375 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.375	5.00 ng	265161	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	38
2	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	38
3	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	38
4	Succinic acid, 2,2-dichloroethyl...	298	C11H16Cl2O5	1000390-71-6	38
5	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

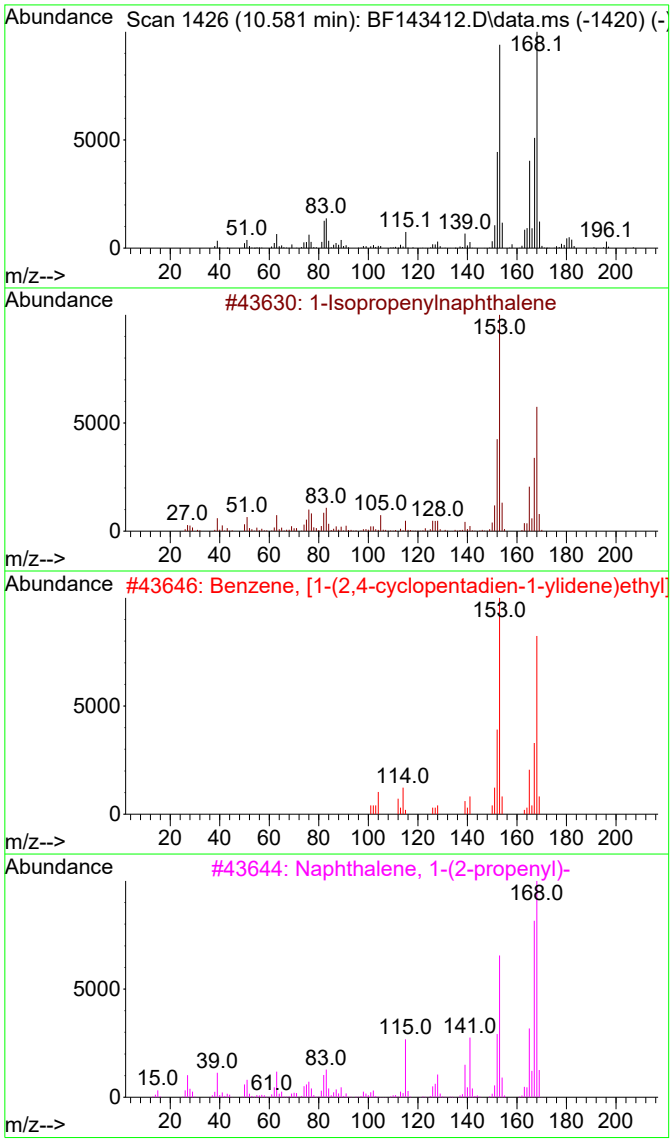
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

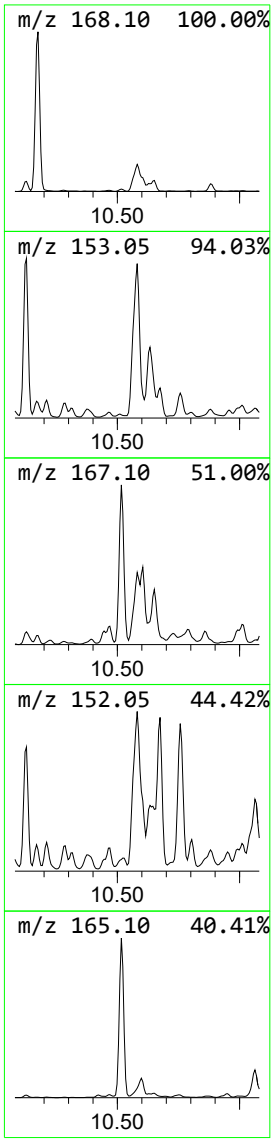
****

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	11.94 ng	633322	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	95
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	43





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Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

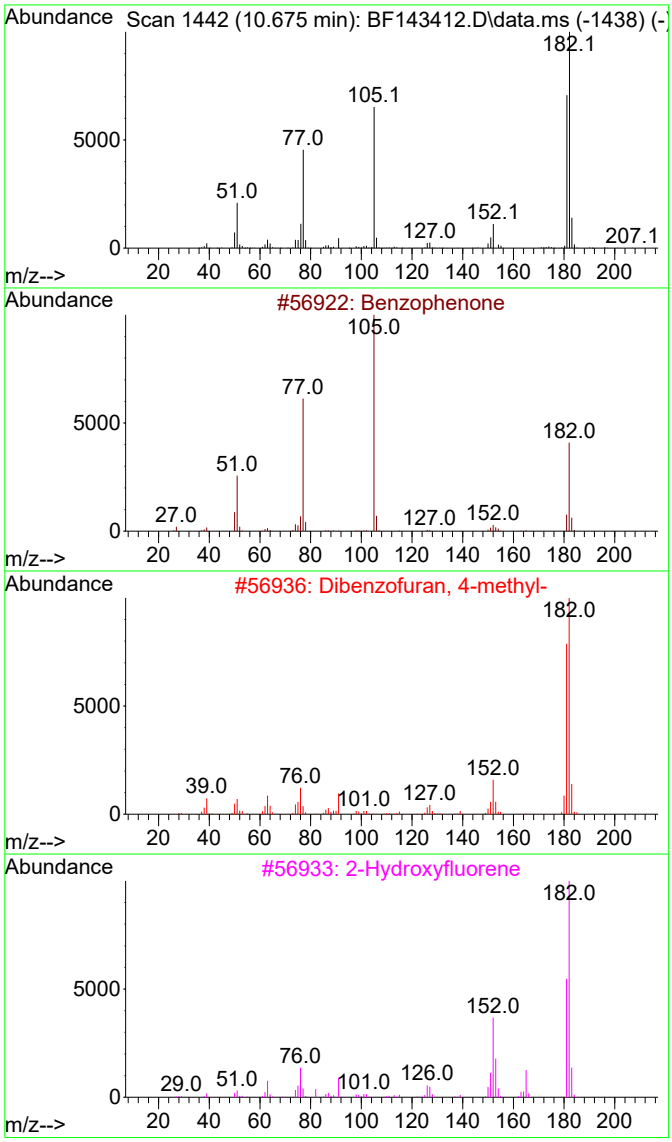
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

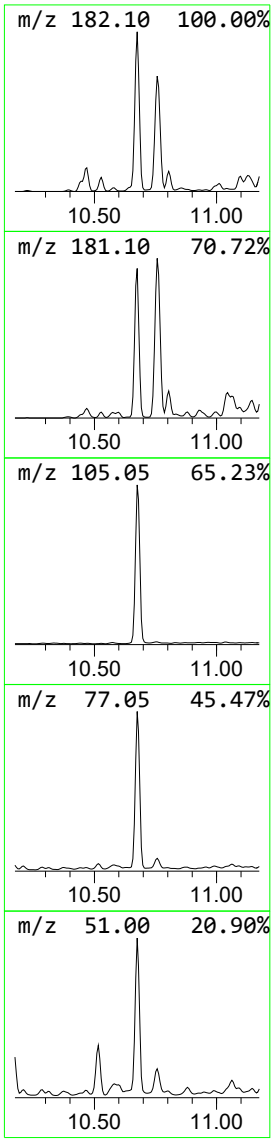
****

Peak Number 7 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	11.84 ng	628203	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	74
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	50





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Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

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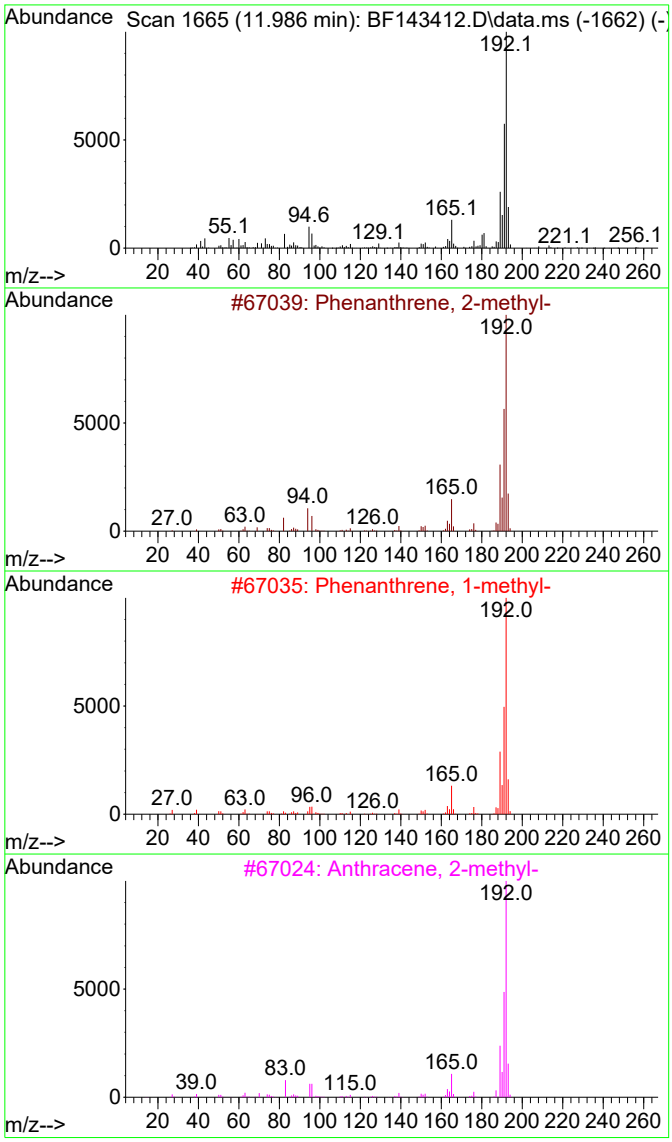
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

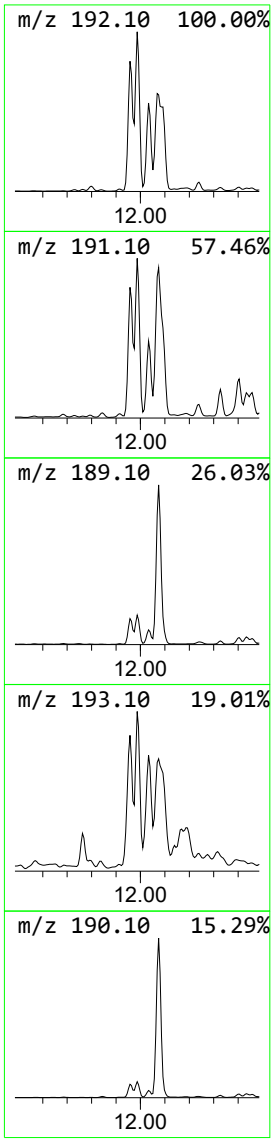
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	3.47 ng	1055800	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ 216

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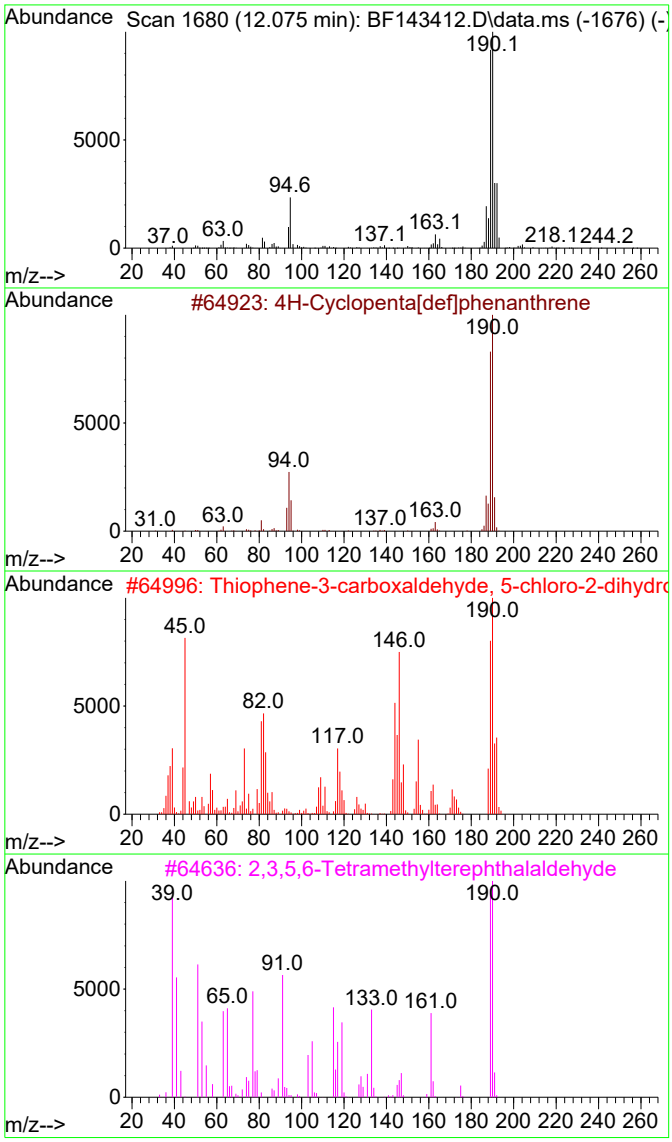
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

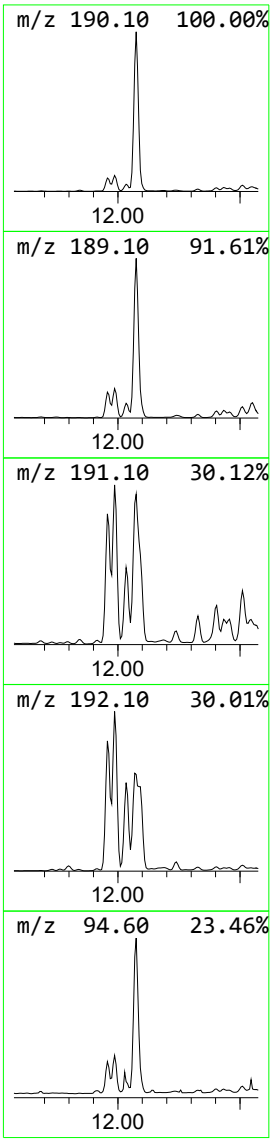
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	7.65 ng	2329480	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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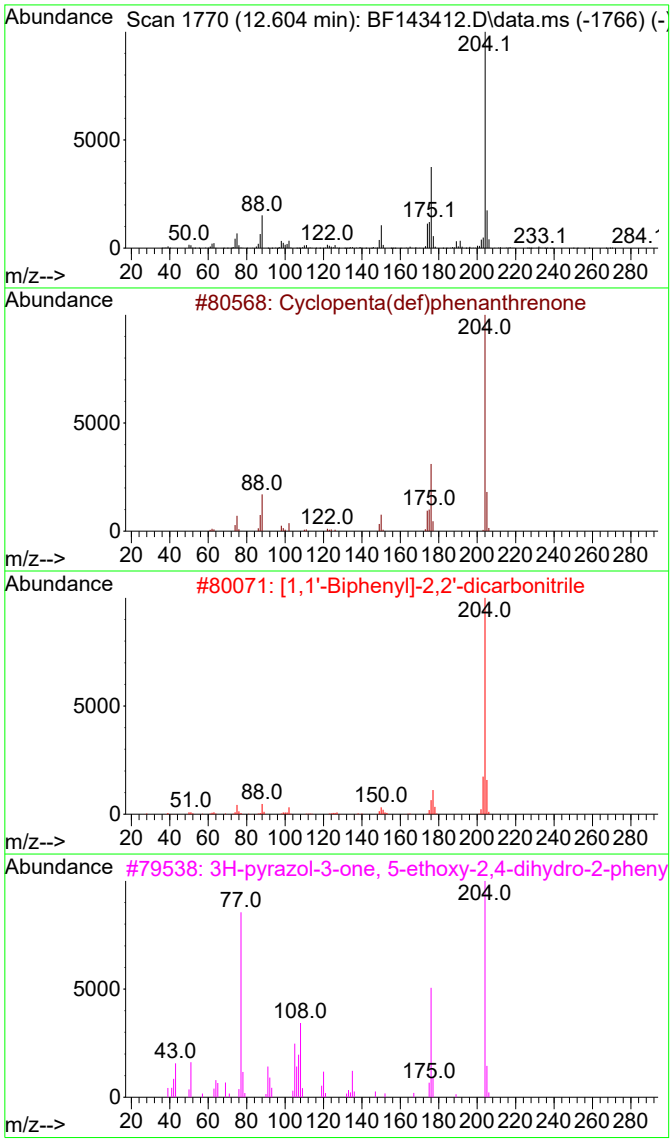
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

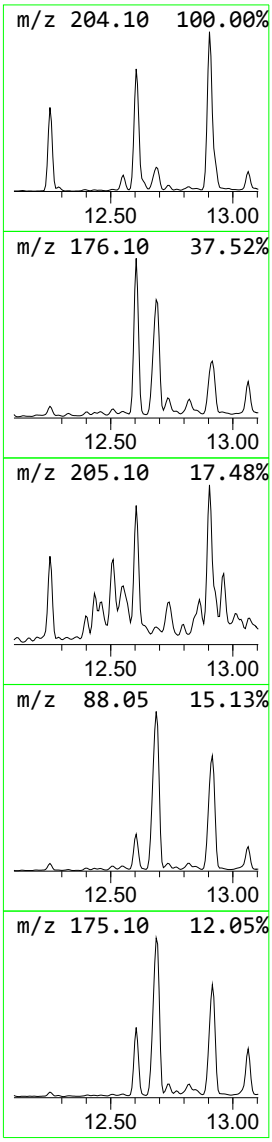
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.84 ng	865884	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	53
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49





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Misc :
ALS Vial : 35 Sample Multiplier: 1

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

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

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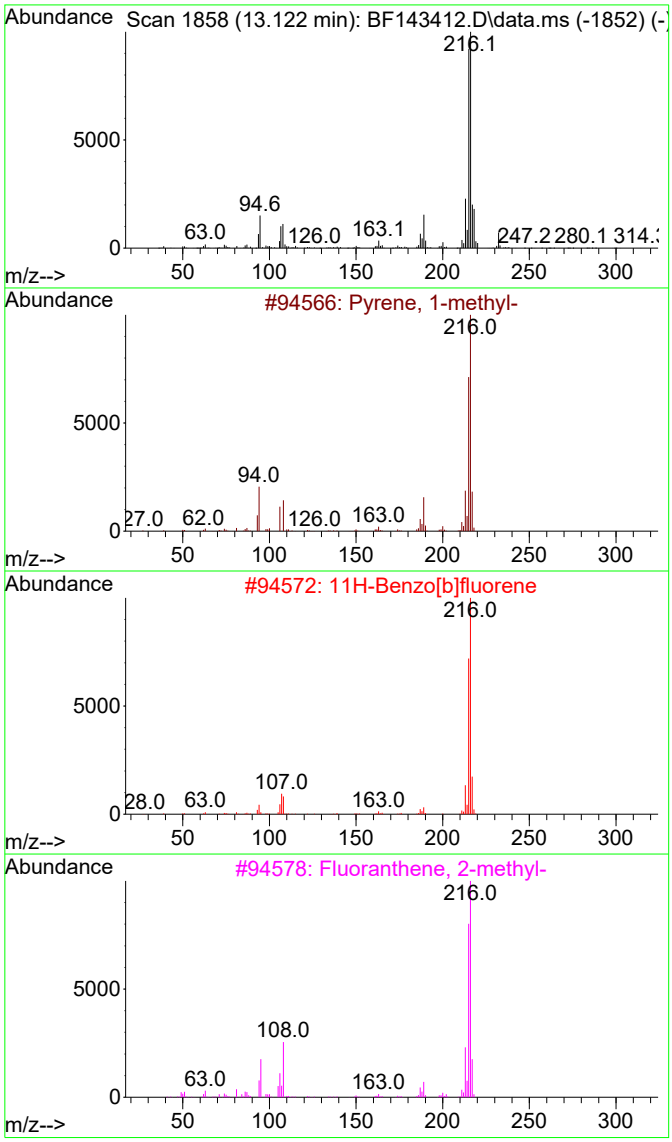
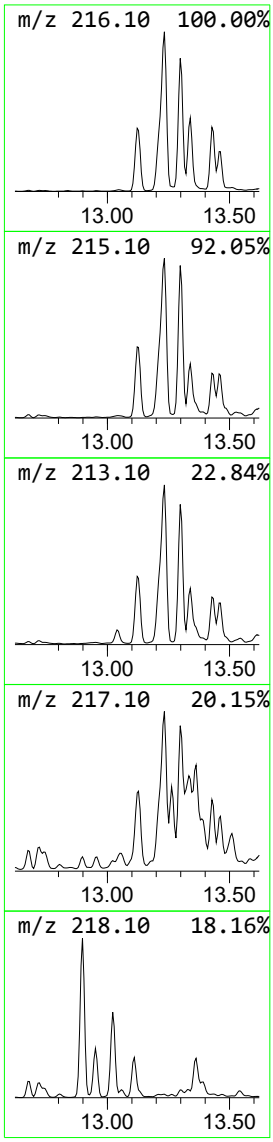
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.122	4.48 ng	1474130	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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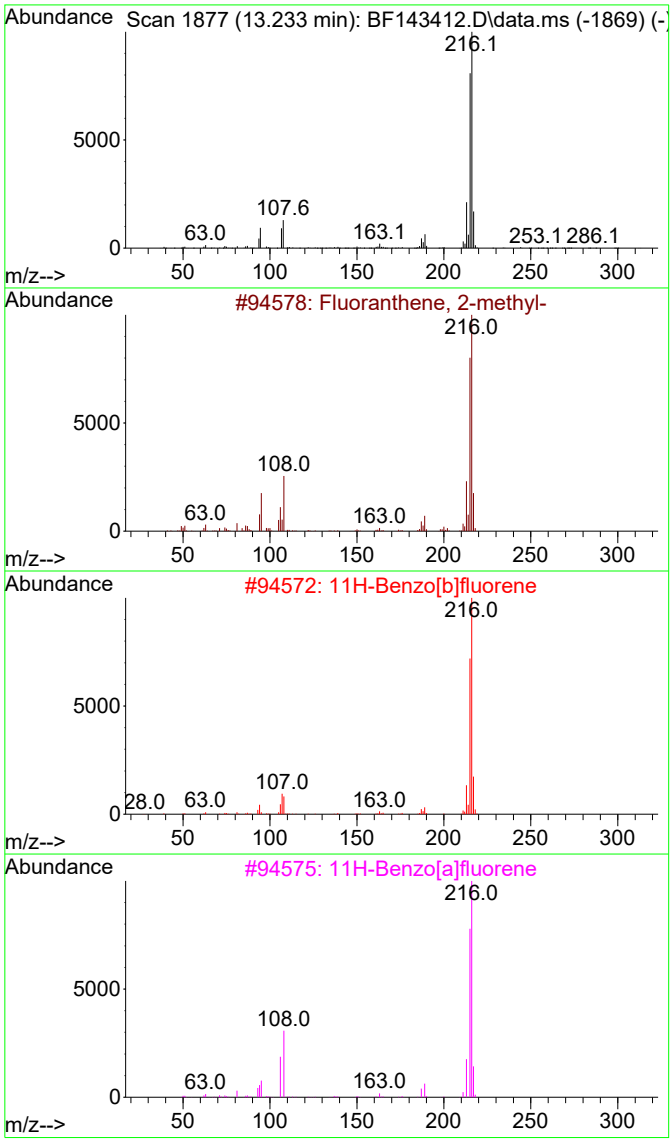
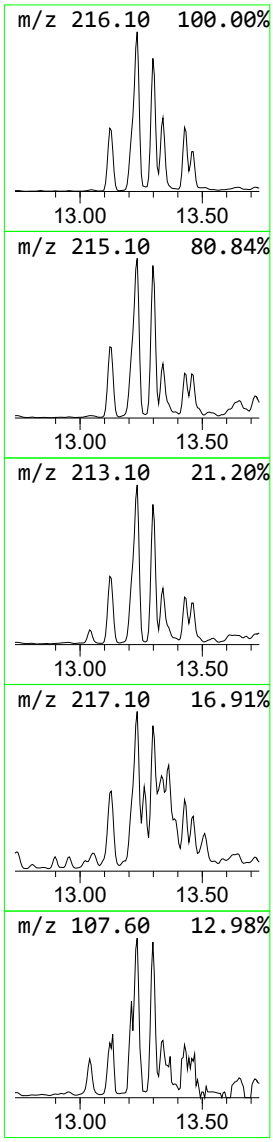
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	7.42 ng	2439430	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

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

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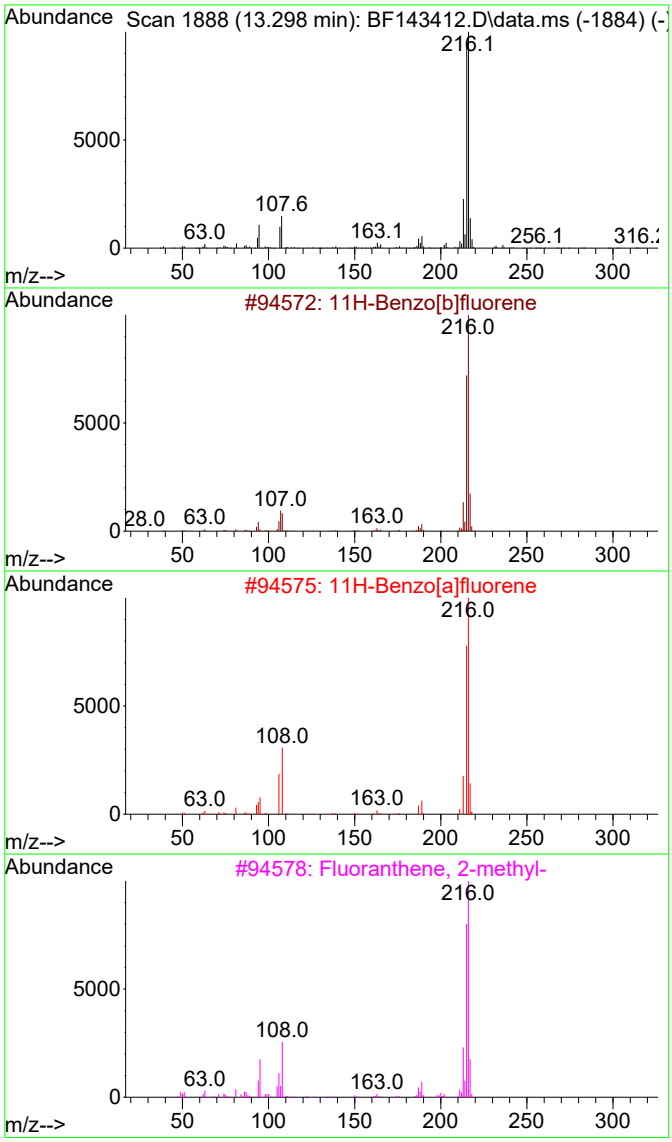
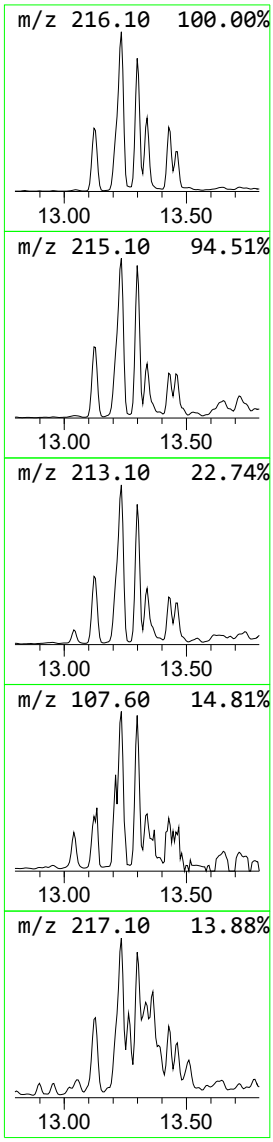
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	4.65 ng	1530590	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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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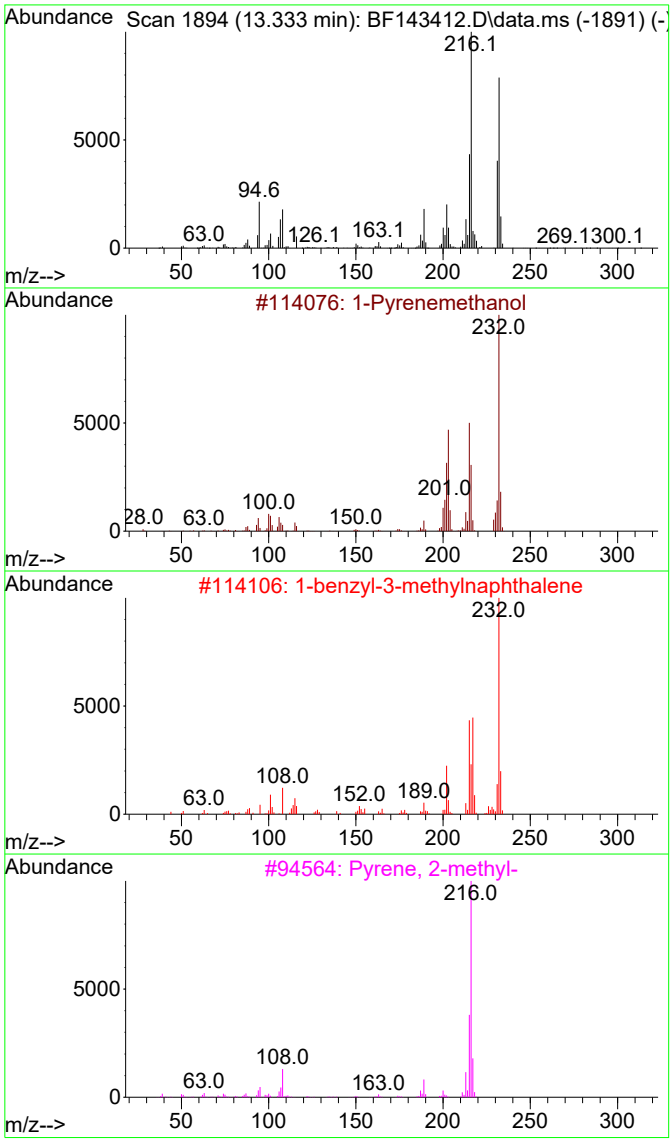
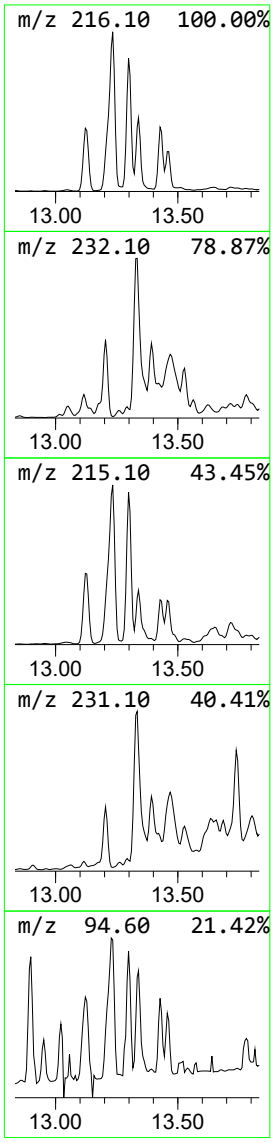
Peak Number 14 1-Pyrenemethanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	4.12 ng	1353740	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrenemethanol	232	C17H12O	024463-15-8	60
2	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	60
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	56
4	1,3-dimethyl-2-phenyl-naphthalene	232	C18H16	1000379-93-4	46
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	42





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ALS Vial : 35 Sample Multiplier: 1

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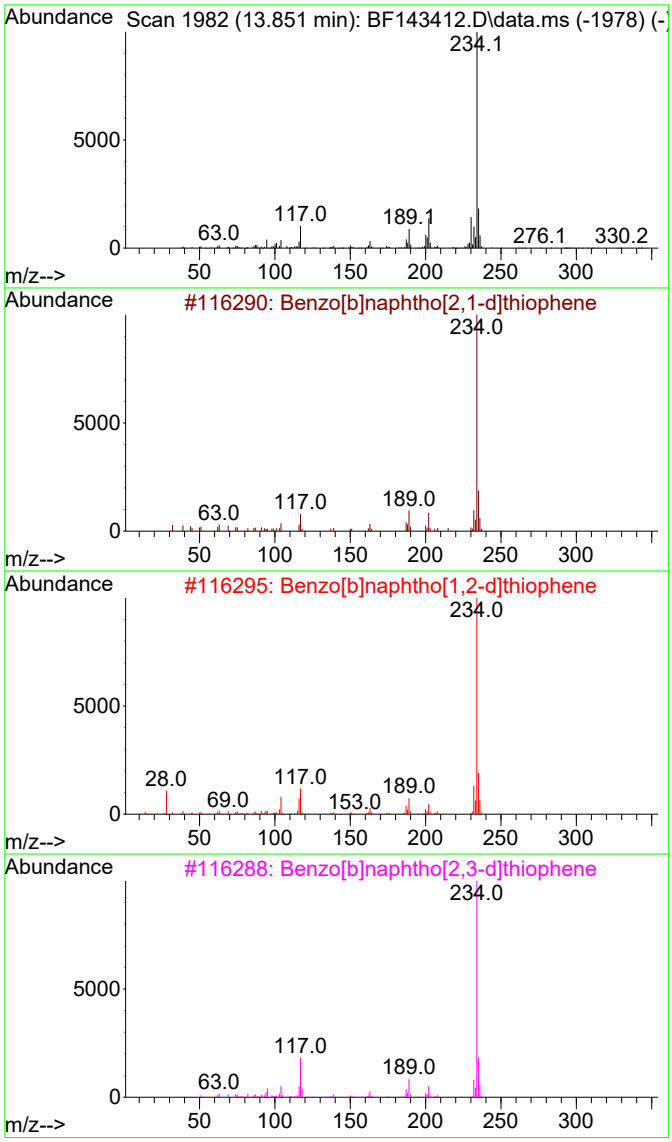
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

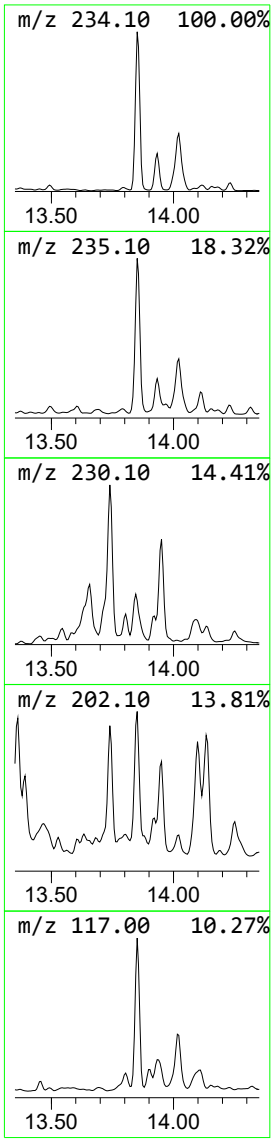
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.33 ng	1095900	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	59





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ALS Vial : 35 Sample Multiplier: 1

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

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

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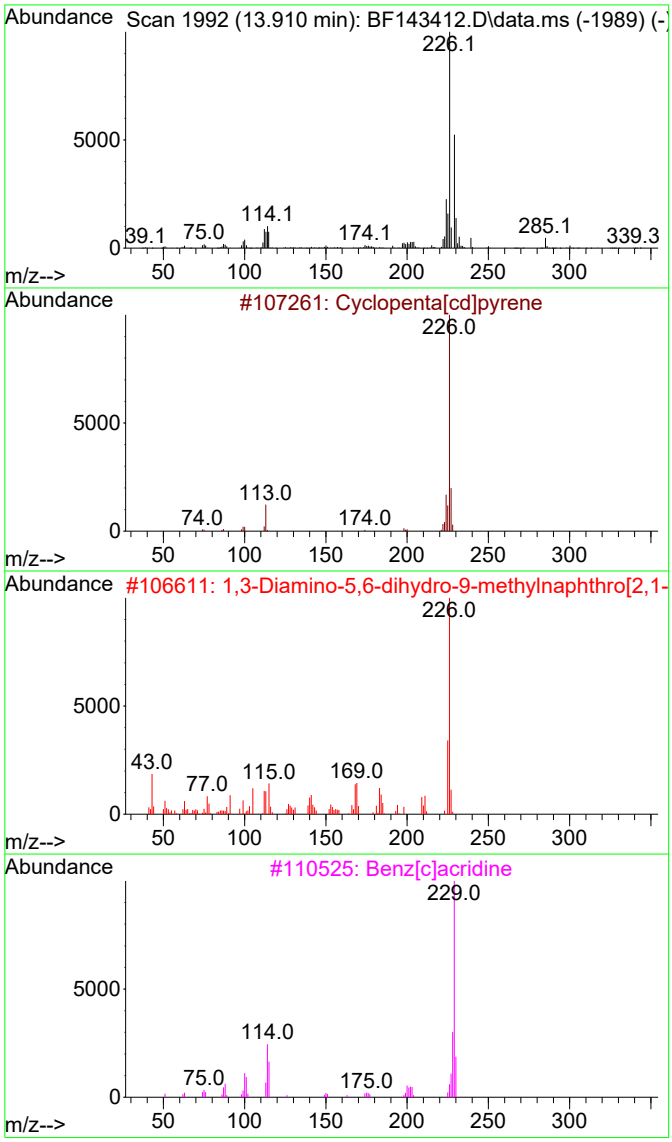
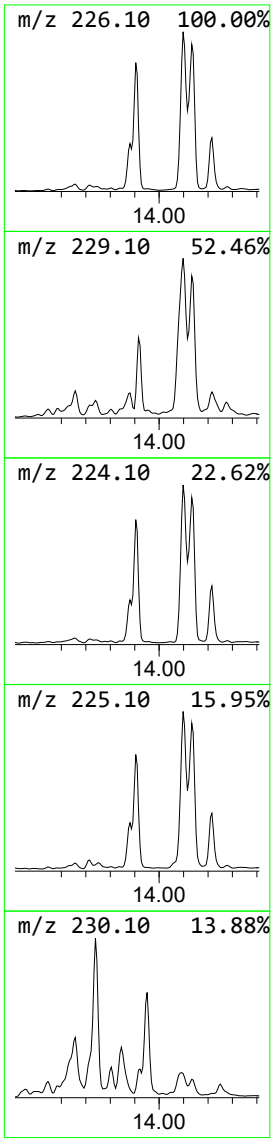
Peak Number 16 unknown13.910 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.94 ng	965121	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
2	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	35
3	Benz[c]acridine	229	C17H11N	000225-51-4	30
4	7-Phenylpyrazolo[1,5-a][1,3,5]tr...	226	C11H10N6	115231-49-7	23
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	22





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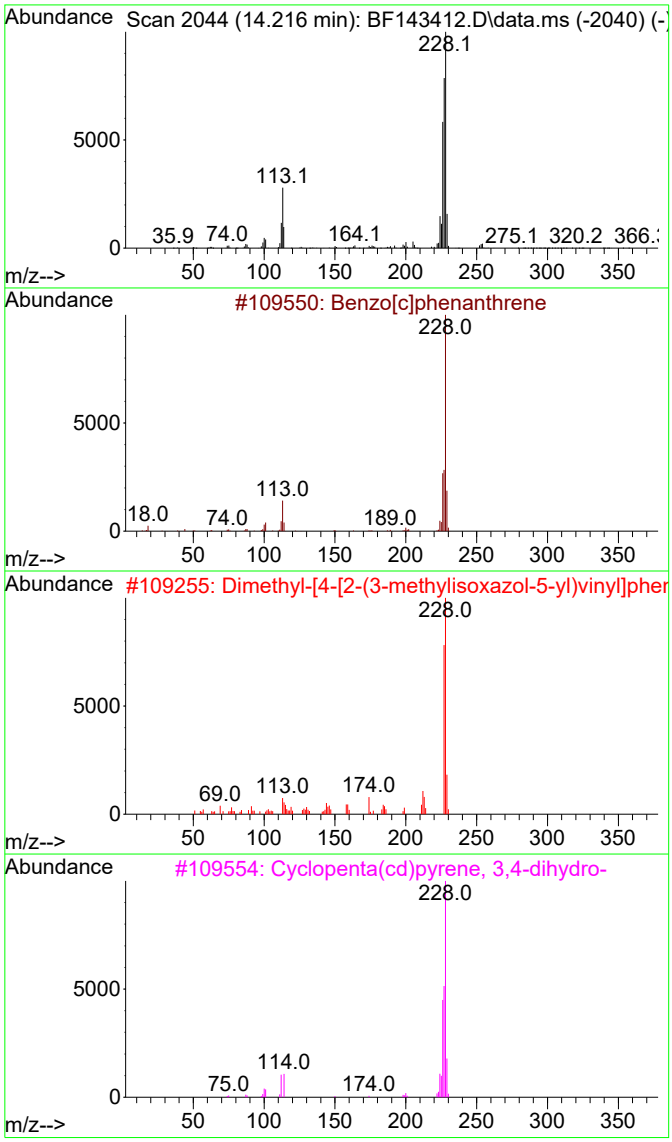
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

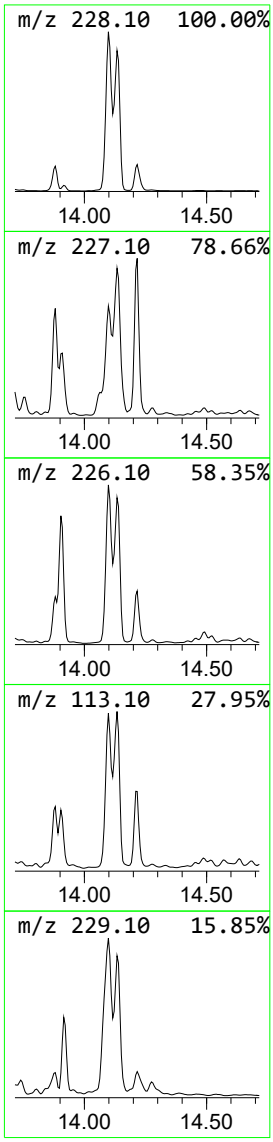
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[c]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	2.82 ng	927395	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38





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Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

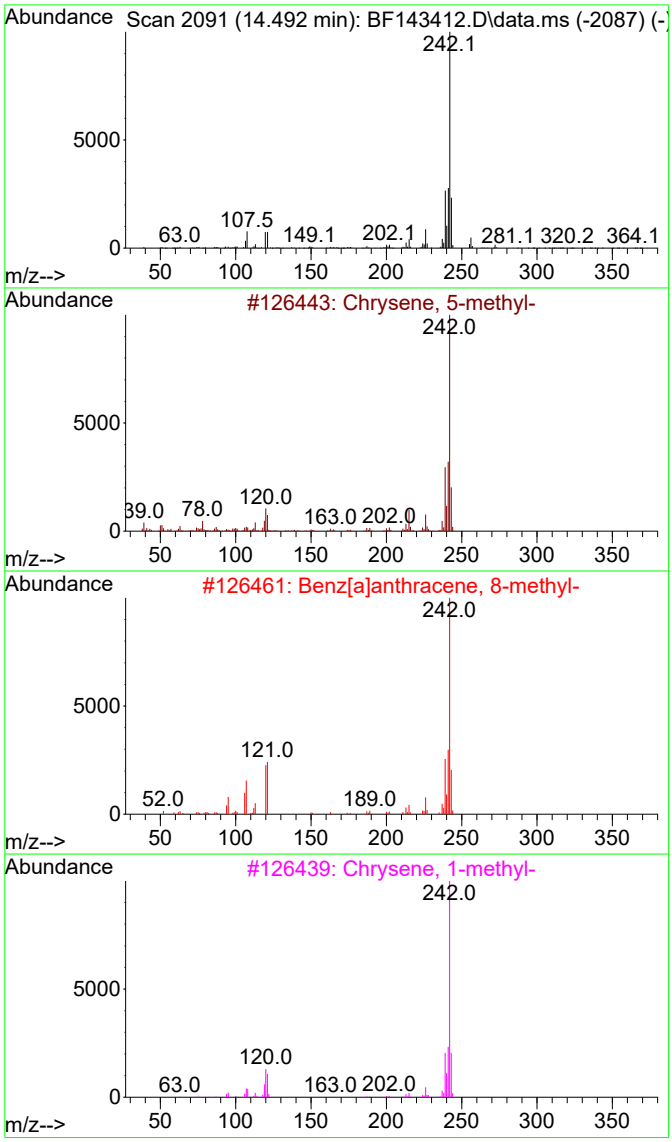
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

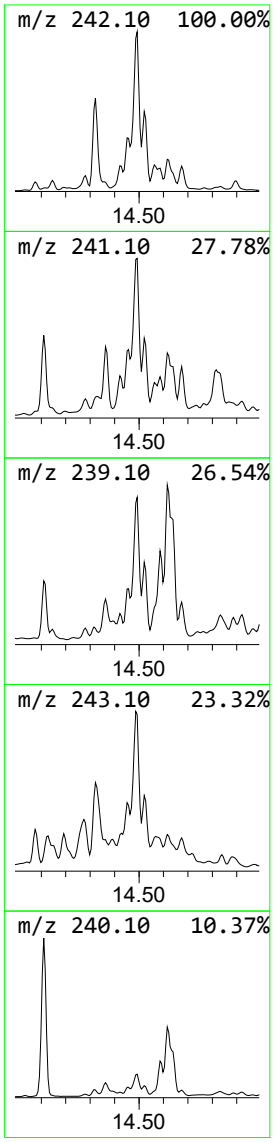
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Chrysene, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.492	2.95 ng	970834	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	2-Methylchrysene	242	C19H14	003351-32-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

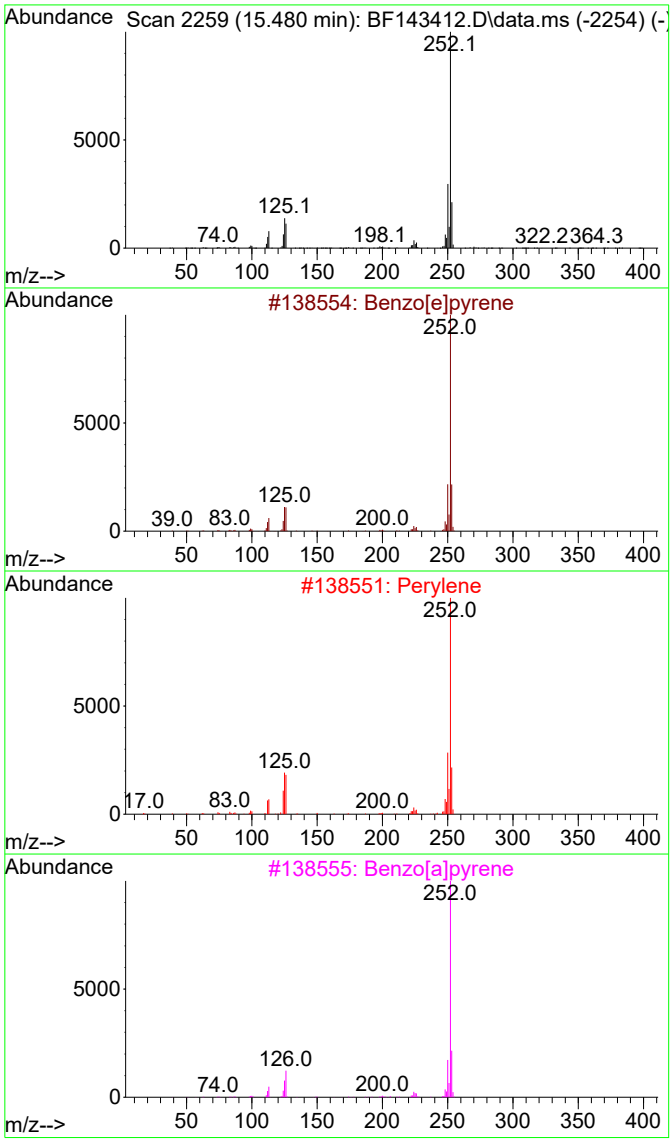
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

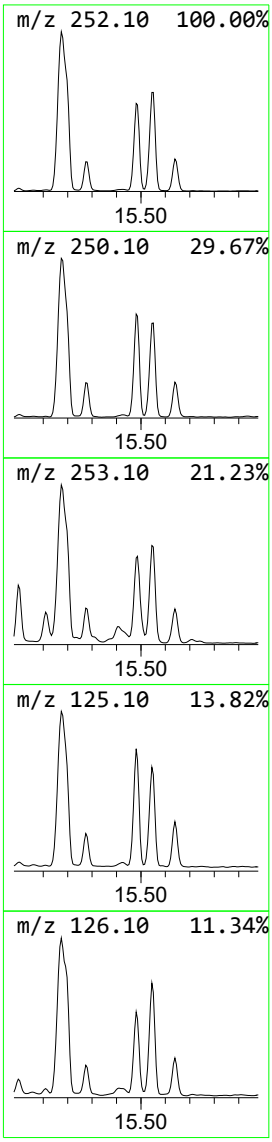
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	52.13 ng	2345050	Perylene-d12	15.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143412.D
Acq On : 15 Aug 2025 10:16
Operator : RC/JU
Sample : Q2858-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ 216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.263	40.3	ng	1731790	1	6.934	860429	20.0
2-Pentanone, 4-...	5.163	6.6	ng	282942	1	6.934	860429	20.0
Naphthalene, 2,...	9.551	4.4	ng	233636	3	9.969	1061220	20.0
Naphthalene, 1,...	9.628	4.5	ng	239830	3	9.969	1061220	20.0
unknown10.375	10.375	5.0	ng	265161	3	9.969	1061220	20.0
1-Isopropenylna...	10.581	11.9	ng	633322	3	9.969	1061220	20.0
Benzophenone	10.675	11.8	ng	628203	3	9.969	1061220	20.0
Phenanthrene, 2...	11.986	3.5	ng	1055800	4	11.457	6092900	20.0
4H-Cyclopenta[d...	12.075	7.7	ng	2329480	4	11.457	6092900	20.0
Cyclopenta(def)...	12.604	2.8	ng	865884	4	11.457	6092900	20.0
Pyrene, 1-methyl-	13.122	4.5	ng	1474130	5	14.110	6576360	20.0
Fluoranthene, 2...	13.233	7.4	ng	2439430	5	14.110	6576360	20.0
11H-Benzo[b]flu...	13.298	4.7	ng	1530590	5	14.110	6576360	20.0
1-Pyrenemethanol	13.333	4.1	ng	1353740	5	14.110	6576360	20.0
Benzo[b]naphtho...	13.851	3.3	ng	1095900	5	14.110	6576360	20.0
unknown13.910	13.910	2.9	ng	965121	5	14.110	6576360	20.0
Benzo[c]phenant...	14.216	2.8	ng	927395	5	14.110	6576360	20.0
Chrysene, 5-met...	14.492	3.0	ng	970834	5	14.110	6576360	20.0
Benzo[e]pyrene	15.480	52.1	ng	2345050	6	15.610	899689	20.0