LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.334	3	8	13	rVB	220943	294184	6.72%	0.768%
2	3.646	217	231	234	rBV	296793	913576	20.87%	2.384%
3	4.110	306	310	317	rVB	49713	61818	1.41%	0.161%
4	5.210	493	497	505	rVB	38835	50672	1.16%	0.132%
5	5.581	555	560	563	rBV	3668472	4014091	91.68%	10.476%
6	6.575	723	729	732	rBV	3433167	4079197	93.17%	10.645%
7	6.951	789	793	796	rBV	1098131	945809	21.60%	2.468%
8	7.516	883	889	892	rBV	2682584	2783862	63.58%	7.265%
9	8.234	1006	1011	1013	rBV	1380121	1189629	27.17%	3.105%
10	8.251	1013	1014	1018	rVB	166843	125702	2.87%	0.328%
11	8.404	1034	1040	1043	rBV2	56603	70878	1.62%	0.185%
12	8.469	1045	1051	1056	rVB4	34781	55783	1.27%	0.146%
13	8.581	1065	1070	1073	rBV2	70118	95425	2.18%	0.249%
14	9.310	1188	1194	1197	rBV	4867831	4378426	100.00%	11.426%
15	9.645	1247	1251	1254	rBV	57303	57644	1.32%	0.150%
16	9.851	1283	1286	1289	rBV	94753	76156	1.74%	0.199%
17	9.992	1306	1310	1313	rVV	1584870	1268029	28.96%	3.309%
18	10.022	1313	1315	1319	rVB	214997	166906	3.81%	0.436%
19	10.192	1338	1344	1348	rBV	128845	138762	3.17%	0.362%
20	10.410	1374	1381	1384	rBV4	40506	63015	1.44%	0.164%
21	10.539	1399	1403	1408	rVB	218792	186288	4.25%	0.486%
22	10.698	1425	1430	1434	rVB2	36931	48511	1.11%	0.127%
23	10.786	1440	1445	1448	rBV	2828691	2750583	62.82%	7.178%
24	10.898	1459	1464	1471	rVB5	71613	122648	2.80%	0.320%
25	11.086	1492	1496	1499	rBV3	37380	46691	1.07%	0.122%
26	11.380	1540	1546	1551	rVB2	67886	96188	2.20%	0.251%
27	11.486	1560	1564	1566	rBV	1193087	1211205	27.66%	3.161%
28	11.504	1566	1567	1571	rVV	774681	607074	13.87%	1.584%
29	11.557	1571	1576	1579	rVV	124902	103897	2.37%	0.271%
30	11.710	1599	1602	1608	rBV2	55540	60201	1.37%	0.157%
31	11.986	1645	1649	1651	rBV	147816	178228	4.07%	0.465%
32	12.010	1651	1653	1657	rVB	197457	172788	3.95%	0.451%
33	12.098	1664	1668	1670	rBV2	188490	217089	4.96%	0.567%
34	12.116	1670	1671	1677	rVB2	103285	83920	1.92%	0.219%
35	12.280	1696	1699	1701	rBV	89994	75392	1.72%	0.197%
36	12.304	1701	1703	1710	rVB2	84528	81876	1.87%	0.214%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.533	1739	1742	1745	rBV	118442	119308	2.72%	0.311%
38	12.569	1745	1748	1751	rVV3	66059	99511	2.27%	0.260%
39	12.622	1754	1757	1766	rVV3	78777	101000	2.31%	0.264%
40	12.698	1767	1770	1774	rVV	1123871	938604	21.44%	2.449%
41	12.933	1803	1810	1815	rBV	911005	1046576	23.90%	2.731%
42	12.980	1815	1818	1822	rVB2	57896	75696	1.73%	0.198%
43	13.074	1829	1834	1837	rVB	3109339	3031605	69.24%	7.912%
44	13.145	1842	1846	1850	rBV2	91604	151236	3.45%	0.395%
45	13.233	1857	1861	1863	rBV4	80963	120426	2.75%	0.314%
46	13.257	1863	1865	1868	rVB	165838	137011	3.13%	0.358%
47	13.321	1873	1876	1879	rVV	108521	84236	1.92%	0.220%
48	13.363	1879	1883	1885	rBV2	121728	126427	2.89%	0.330%
49	13.457	1896	1899	1901	rVB	77213	67371	1.54%	0.176%
50	13.486	1901	1904	1907	rBV	95284	79600	1.82%	0.208%
51	13.763	1948	1951	1956	rVB	102695	105428	2.41%	0.275%
52	13.880	1966	1971	1973	rBV2	96026	130713	2.99%	0.341%
53	13.904	1973	1975	1977	rVV	75637	54940	1.25%	0.143%
54	13.927	1977	1979	1983	rVB2	58814	61686	1.41%	0.161%
55	13.968	1983	1986	1988	rBV2	69510	78559	1.79%	0.205%
56	14.127	2006	2013	2016	rBV2	1136017	1480729	33.82%	3.864%
57	14.157	2016	2018	2024	rVB	567182	484286	11.06%	1.264%
58	14.233	2026	2031	2033	rBV3	48904	92205	2.11%	0.241%
59	14.516	2076	2079	2082	rVB	129525	112603	2.57%	0.294%
60	14.551	2082	2085	2088	rVB2	76926	77183	1.76%	0.201%
61	14.645	2098	2101	2103	rBV	67909	71155	1.63%	0.186%
62	15.198	2190	2195	2198	rBV	394274	608961	13.91%	1.589%
63	15.310	2211	2214	2217	rBV	73999	75747	1.73%	0.198%
64	15.515	2245	2249	2255	rVB	214662	293162	6.70%	0.765%
65	15.580	2256	2260	2266	rVB	284199	357096	8.16%	0.932%
66	15.651	2267	2272	2276	rBV	622839	828280	18.92%	2.162%
67	17.198	2530	2535	2542	rVB2	92521	202878	4.63%	0.529%
68	17.668	2610	2615	2622	rVB2	73506	152213	3.48%	0.397%

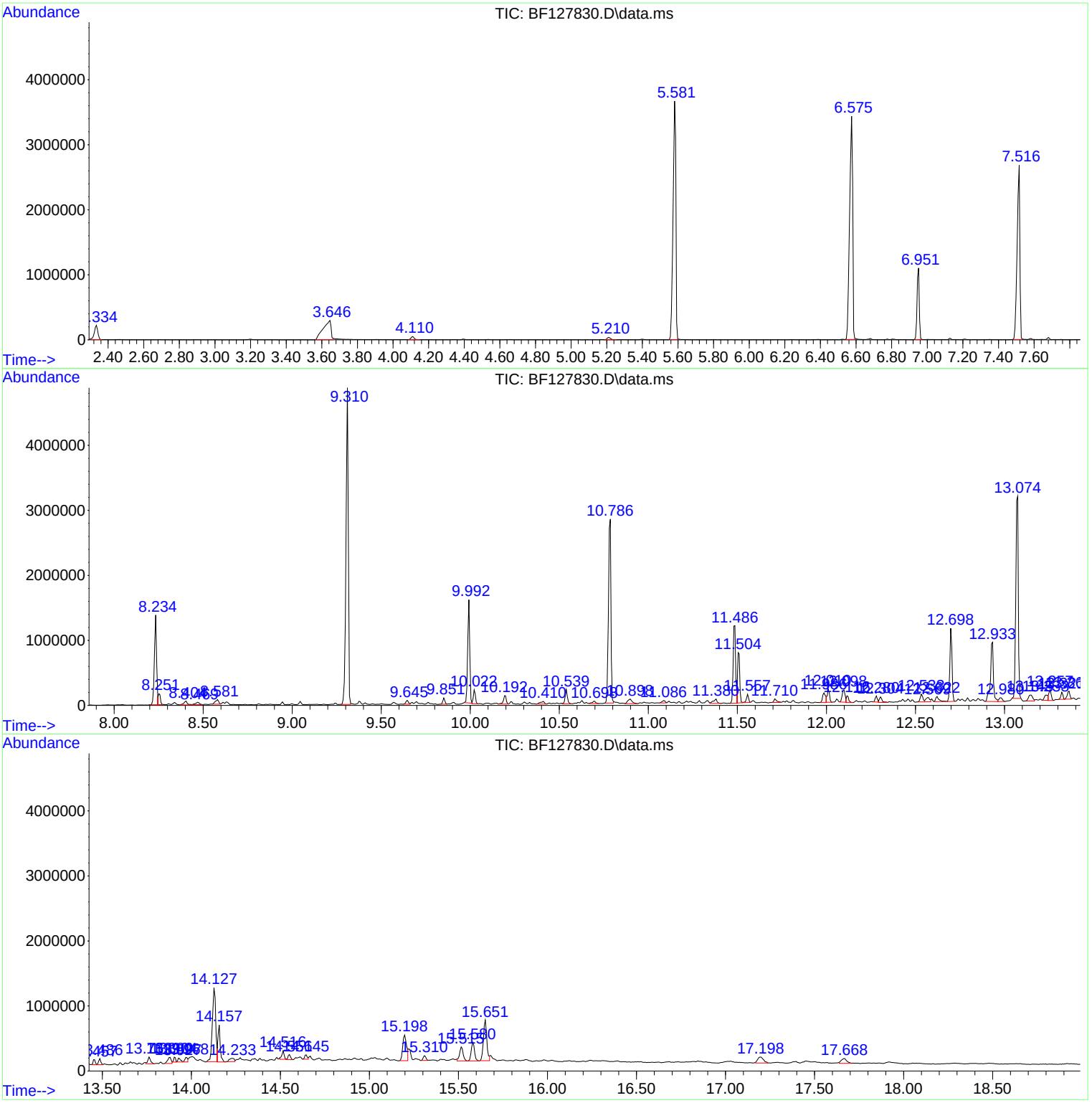
Sum of corrected areas: 38318574

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

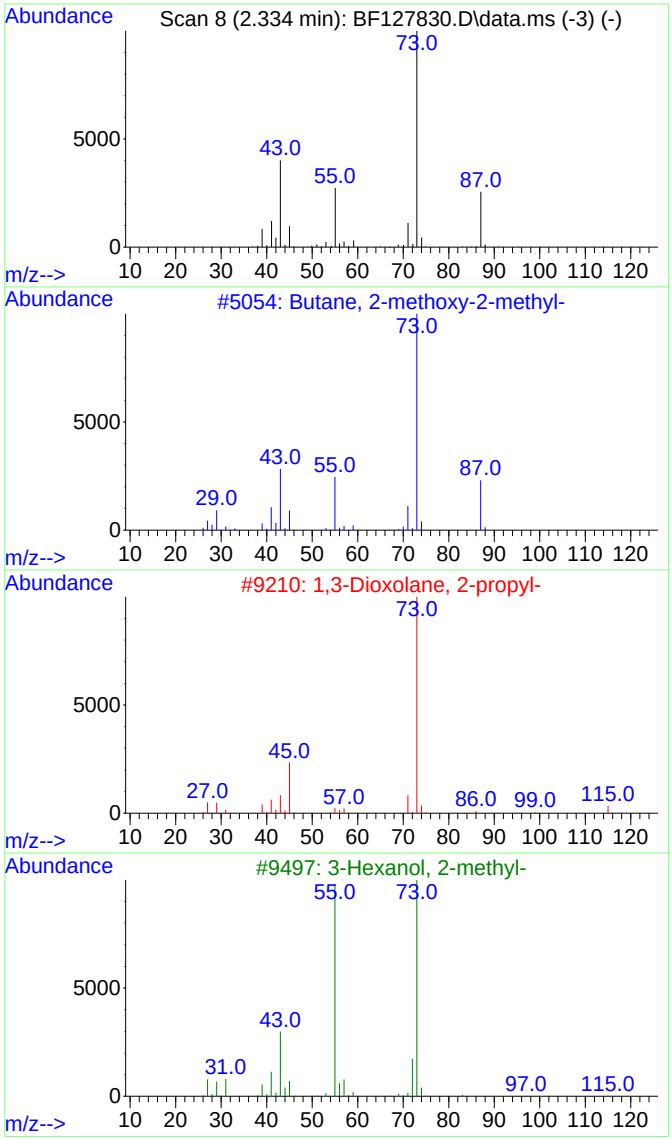
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

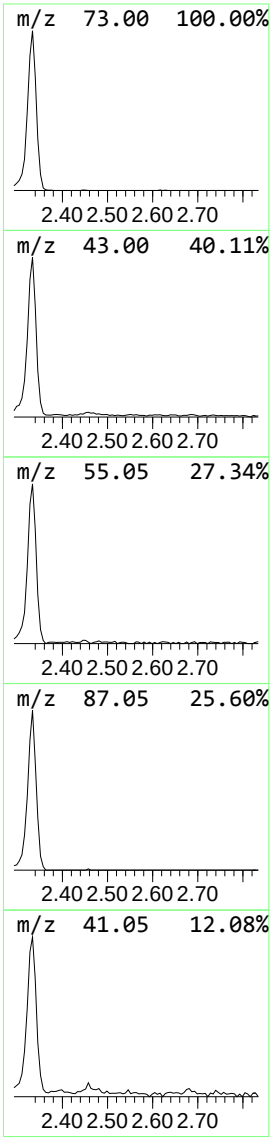
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.334	6.22 ng	294184	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

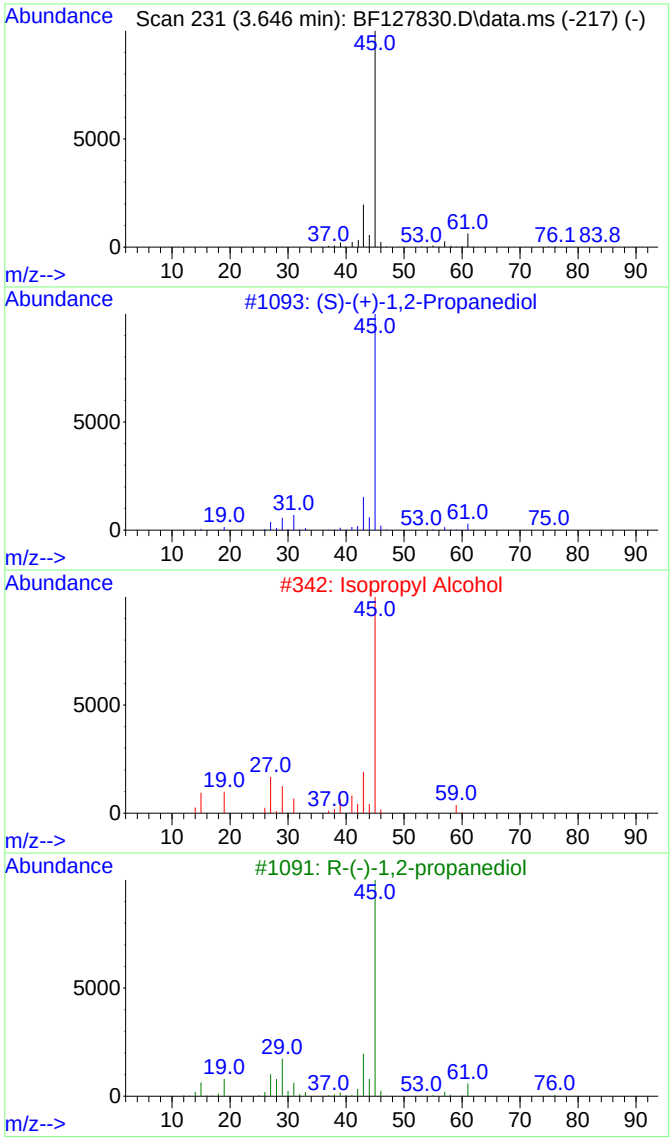
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

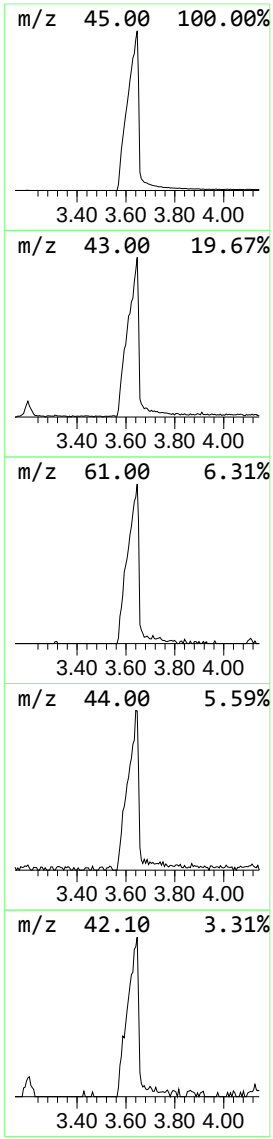
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.646	19.32 ng	913576	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
4	Propylene Glycol	76	C3H8O2	000057-55-6	43
5	2-Pentanol	88	C5H12O	006032-29-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

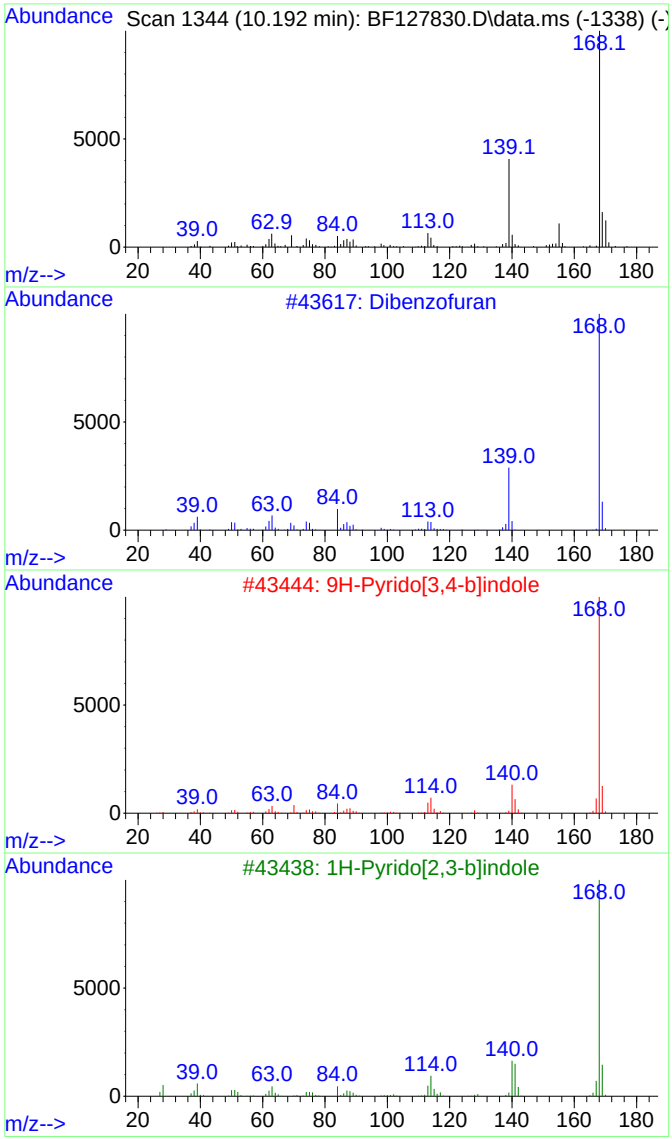
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

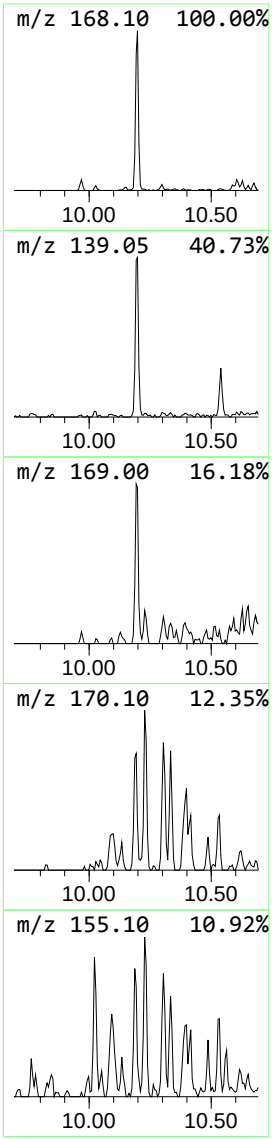
****

Peak Number 3 unknown10.192 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	2.19 ng	138762	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	76
2	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	47
3	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	47
4	l-Isoleucine, n-propargyloxycarb...	297	C16H27NO4	1000328-13-6	43
5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

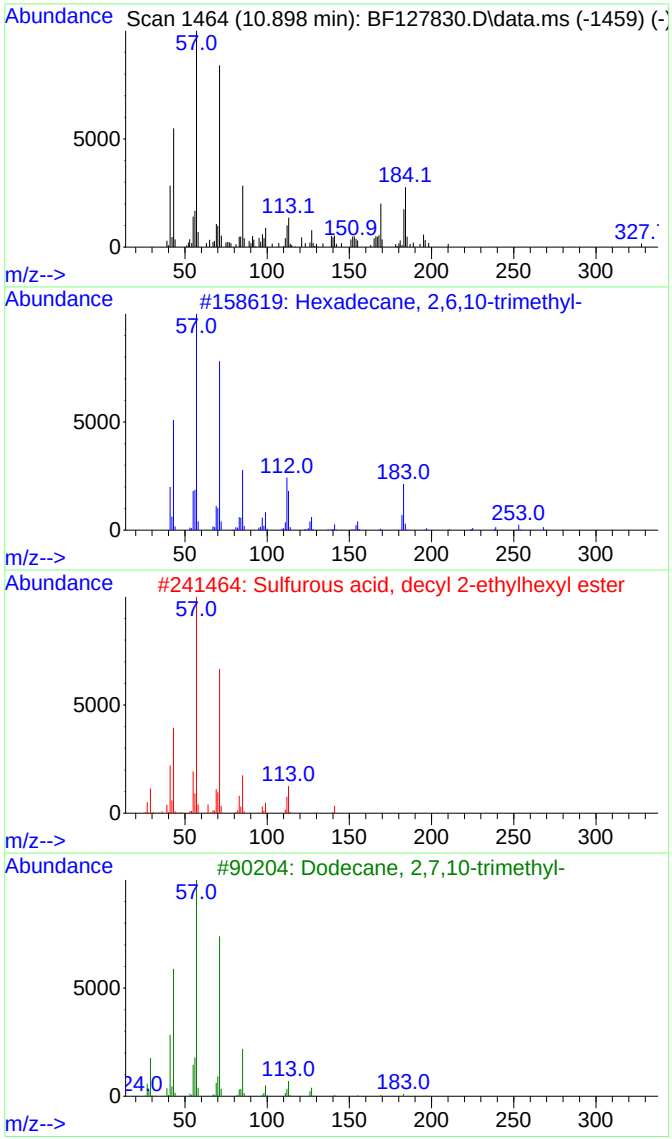
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

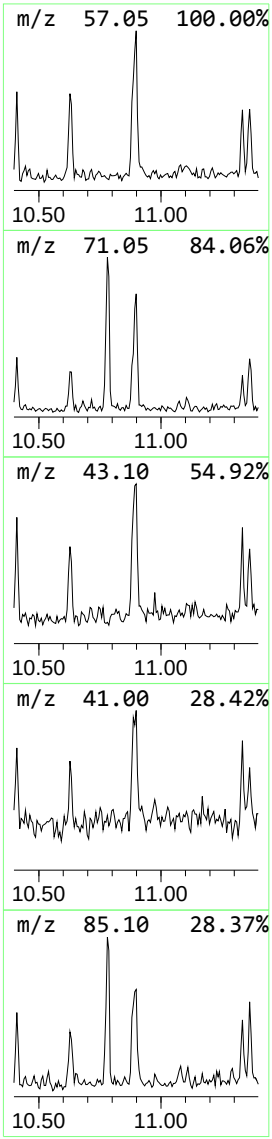
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	2.03 ng	122648	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	58
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

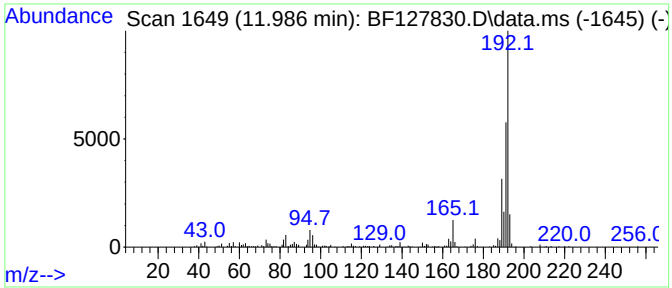
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

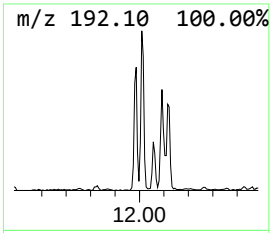
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

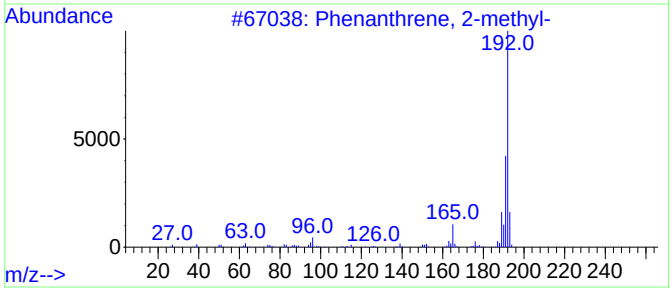
****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

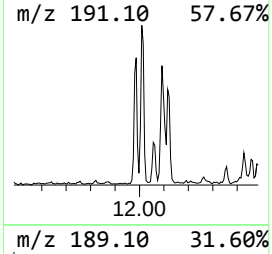
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.94 ng	178228	Phenanthrene-d10	11.486

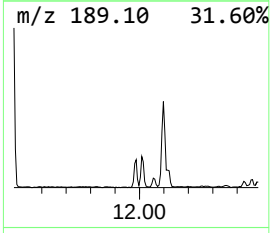
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91

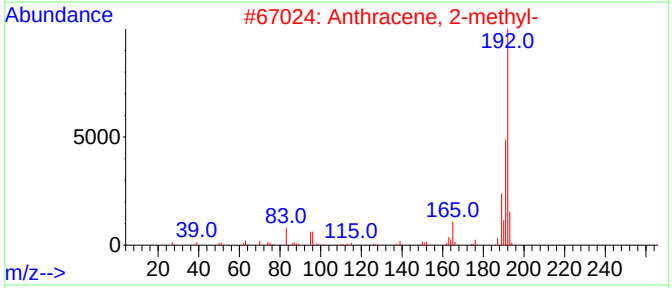


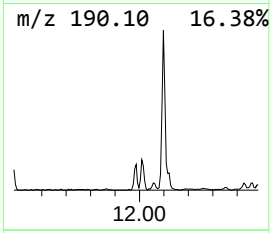


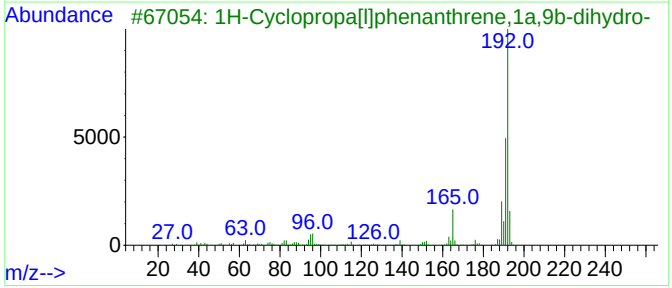


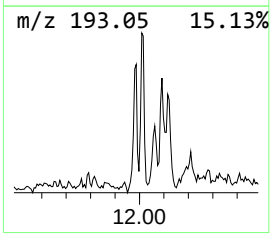












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

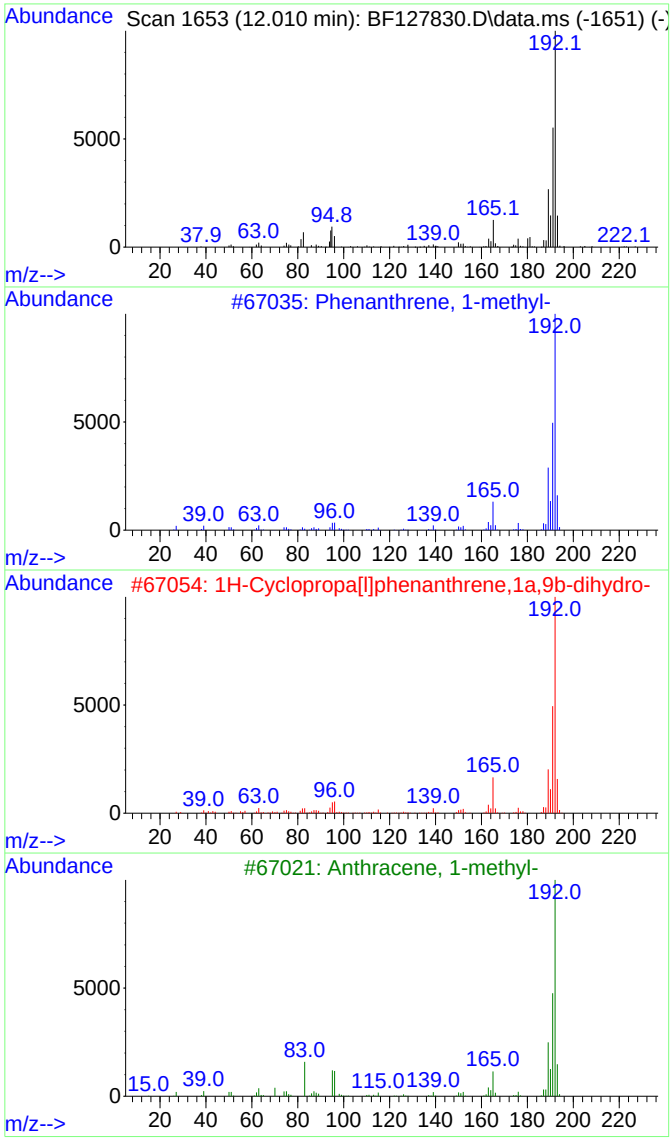
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

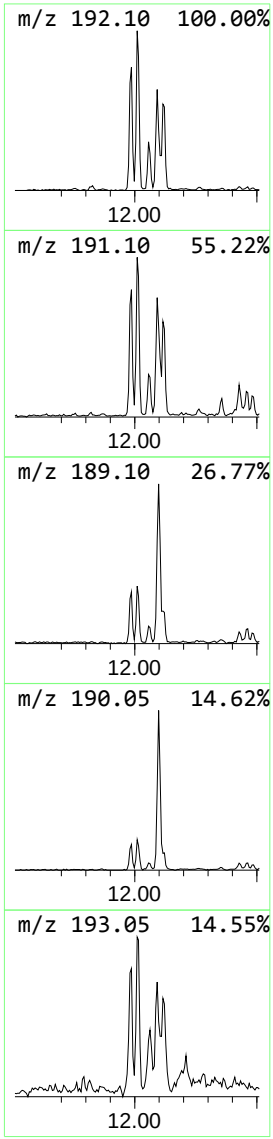
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.85 ng	172788	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

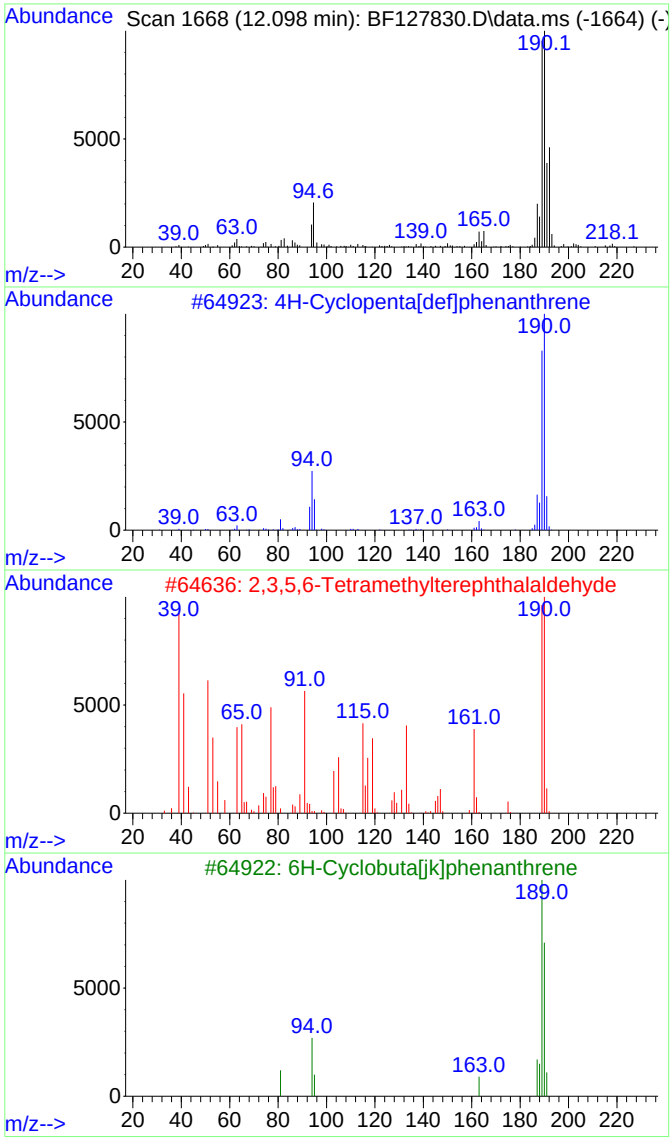
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

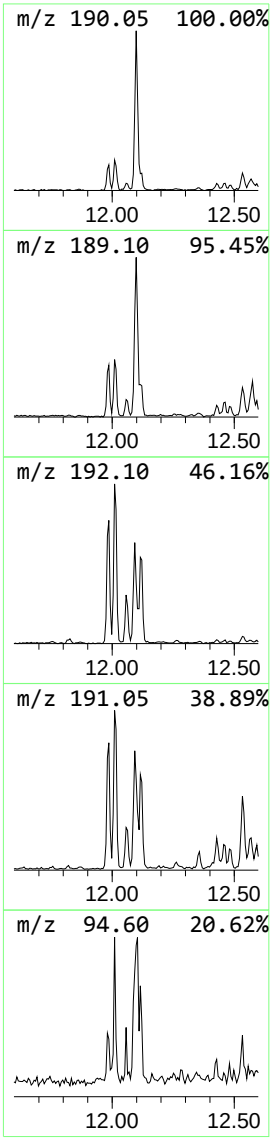
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	3.58 ng	217089	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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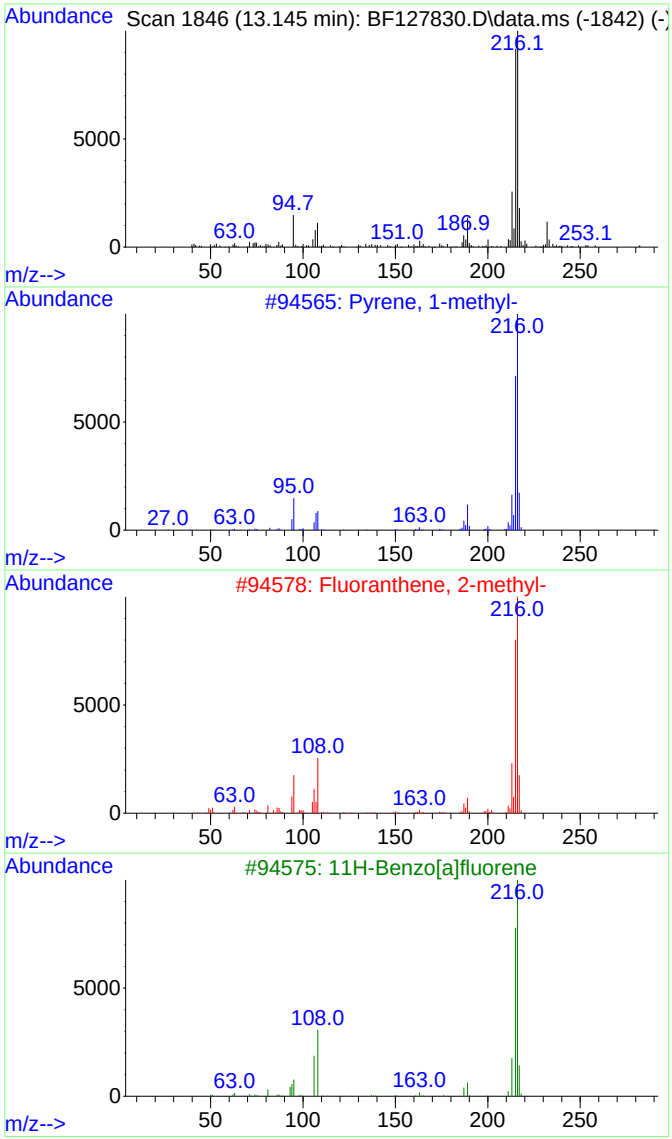
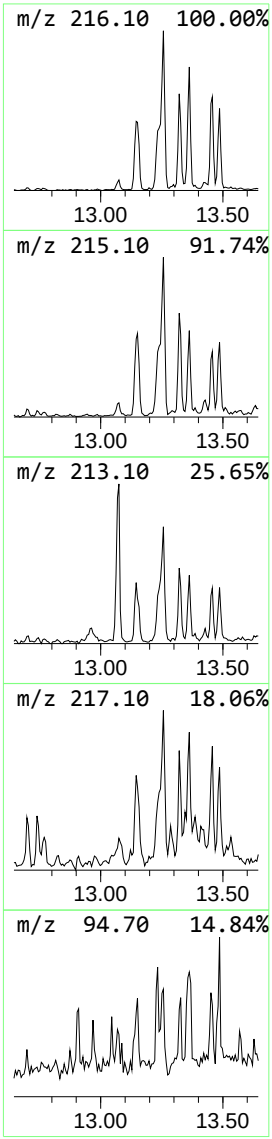
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	2.04 ng	151236	Chrysene-d12	14.133

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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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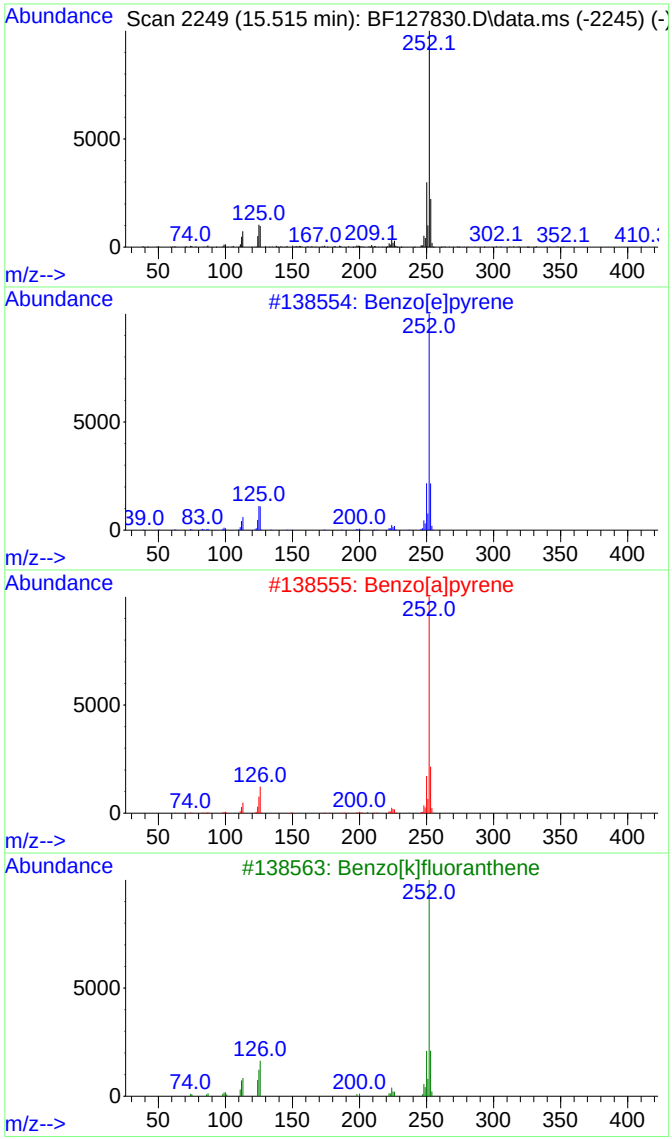
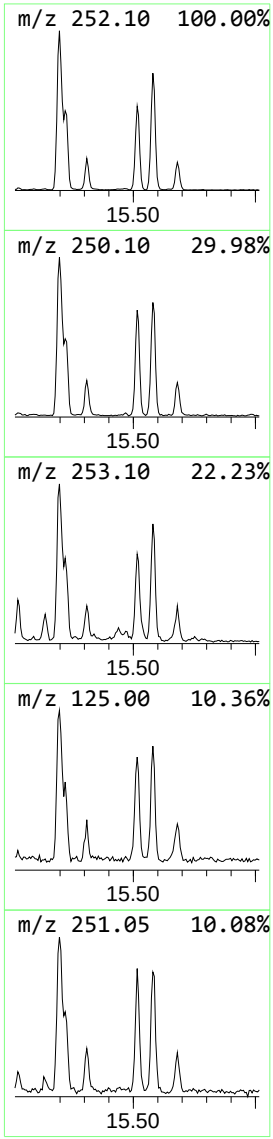
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	7.08 ng	293162	Perylene-d12	15.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127830.D
Acq On : 18 Apr 2022 17:32
Operator : CG\JU
Sample : N2445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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...	2.334	6.2	ng	294184	1	6.951	945809	20.0
(S)-(+)-1,2-Pro...	3.646	19.3	ng	913576	1	6.951	945809	20.0
unknown10.192	10.192	2.2	ng	138762	3	9.992	1268030	20.0
Hexadecane, 2,6...	10.898	2.0	ng	122648	4	11.486	1211210	20.0
Phenanthrene, 2...	11.986	2.9	ng	178228	4	11.486	1211210	20.0
Phenanthrene, 1...	12.010	2.9	ng	172788	4	11.486	1211210	20.0
4H-Cyclopenta[d...	12.098	3.6	ng	217089	4	11.486	1211210	20.0
Pyrene, 1-methyl-	13.145	2.0	ng	151236	5	14.133	1480730	20.0
Benzo[e]pyrene	15.515	7.1	ng	293162	6	15.651	828280	20.0