LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	5	11	17	rVB	2420225	3071716	83.61%	8.945%
2	5.087	507	510	515	rVB	39218	43758	1.19%	0.127%
3	5.481	571	577	580	rBV	3640153	3671401	99.93%	10.691%
4	6.486	743	748	751	rBV	3783679	3673958	100.00%	10.698%
5	6.869	809	813	816	rVB	1225418	1100156	29.94%	3.204%
6	7.428	903	908	911	rBV	2463449	2353810	64.07%	6.854%
7	8.051	1010	1014	1017	rBV	667531	477544	13.00%	1.391%
8	8.145	1027	1030	1033	rBV	1558440	1397113	38.03%	4.068%
9	9.222	1209	1213	1217	rBV	3515611	3248683	88.42%	9.460%
10	9.904	1325	1329	1332	rBV	1652418	1438032	39.14%	4.187%
11	9.933	1332	1334	1337	rVB	74043	54094	1.47%	0.158%
12	10.445	1418	1421	1425	rVB	55925	43280	1.18%	0.126%
13	10.686	1458	1462	1465	rBV	2290477	1998590	54.40%	5.820%
14	10.727	1465	1469	1473	rVB	50065	52038	1.42%	0.152%
15	11.386	1577	1581	1583	rBV	1492087	1266978	34.49%	3.689%
16	11.410	1583	1585	1588	rVV	551809	409349	11.14%	1.192%
17	11.457	1591	1593	1596	rVB	126964	105881	2.88%	0.308%
18	11.886	1661	1666	1668	rBV	83960	86020	2.34%	0.250%
19	11.915	1668	1671	1676	rVB	243540	217978	5.93%	0.635%
20	11.998	1681	1685	1687	rVV	135757	153812	4.19%	0.448%
21	12.021	1687	1689	1693	rVB	70847	60998	1.66%	0.178%
22	12.180	1714	1716	1718	rBV	56797	50597	1.38%	0.147%
23	12.198	1718	1719	1724	rVB3	52893	43283	1.18%	0.126%
24	12.433	1756	1759	1762	rBV	55234	59025	1.61%	0.172%
25	12.515	1771	1773	1779	rVB4	47482	48492	1.32%	0.141%
26	12.598	1783	1787	1790	rBV	594390	532018	14.48%	1.549%
27	12.698	1801	1804	1806	rBV2	75550	67969	1.85%	0.198%
28	12.821	1819	1825	1828	rBV	635271	709650	19.32%	2.066%
29	12.874	1832	1834	1840	rVB3	50826	55279	1.50%	0.161%
30	12.974	1847	1851	1854	rVB	2247692	2114259	57.55%	6.157%
31	13.039	1856	1862	1866	rBV2	52314	84480	2.30%	0.246%
32	13.127	1874	1877	1879	rBV3	40552	50478	1.37%	0.147%
33	13.151	1879	1881	1884	rVB	82963	74820	2.04%	0.218%
34	13.215	1889	1892	1895	rVB2	77910	76460	2.08%	0.223%
35	13.257	1895	1899	1902	rBV2	99515	92931	2.53%	0.271%
36	13.351	1912	1915	1917	rBV	44565	39069	1.06%	0.114%

LSC Area Percent Report

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Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.380	1917	1920	1922	rBV	63623	53912	1.47%	0.157%
38	13.457	1930	1933	1939	rVB6	50721	71891	1.96%	0.209%
39	13.557	1947	1950	1952	rVB	43431	36988	1.01%	0.108%
40	13.657	1964	1967	1971	rVB	44075	42402	1.15%	0.123%
41	13.768	1982	1986	1989	rBV2	56529	83646	2.28%	0.244%
42	13.798	1989	1991	1993	rBV2	49672	43648	1.19%	0.127%
43	13.874	1999	2004	2011	rVB4	182593	259788	7.07%	0.756%
44	14.021	2024	2029	2032	rBV2	1188671	1360067	37.02%	3.960%
45	14.045	2032	2033	2039	rVV	313817	234913	6.39%	0.684%
46	14.127	2042	2047	2050	rBV2	53243	65451	1.78%	0.191%
47	14.204	2057	2060	2063	rVB2	75311	77981	2.12%	0.227%
48	14.245	2063	2067	2071	rBV2	31325	52245	1.42%	0.152%
49	14.409	2090	2095	2098	rVV	78102	79728	2.17%	0.232%
50	14.439	2098	2100	2103	rVB	56123	46826	1.27%	0.136%
51	14.504	2109	2111	2114	rBV3	69647	65065	1.77%	0.189%
52	14.662	2135	2138	2143	rBV	159450	157265	4.28%	0.458%
53	14.821	2162	2165	2170	rVB3	42172	57623	1.57%	0.168%
54	14.898	2175	2178	2183	rVB2	164550	181910	4.95%	0.530%
55	15.062	2201	2206	2209	rBV	250833	383604	10.44%	1.117%
56	15.168	2220	2224	2229	rVB2	81762	105896	2.88%	0.308%
57	15.368	2254	2258	2263	rVB	141650	182335	4.96%	0.531%
58	15.427	2264	2268	2273	rVB	217517	261035	7.11%	0.760%
59	15.492	2274	2279	2283	rBV	918708	1103022	30.02%	3.212%
60	16.780	2492	2498	2505	rBV7	23787	57565	1.57%	0.168%
61	16.945	2522	2526	2533	rVB2	83856	142487	3.88%	0.415%
62	17.380	2595	2600	2605	rBV2	57802	110335	3.00%	0.321%

Sum of corrected areas: 34341627

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
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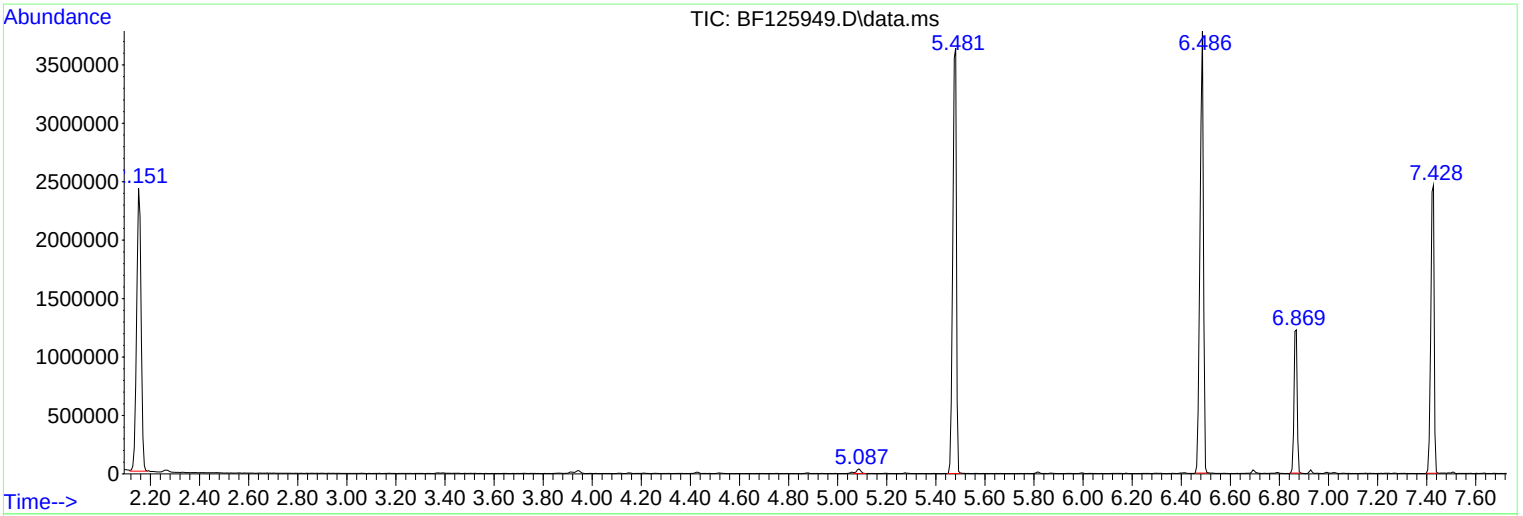
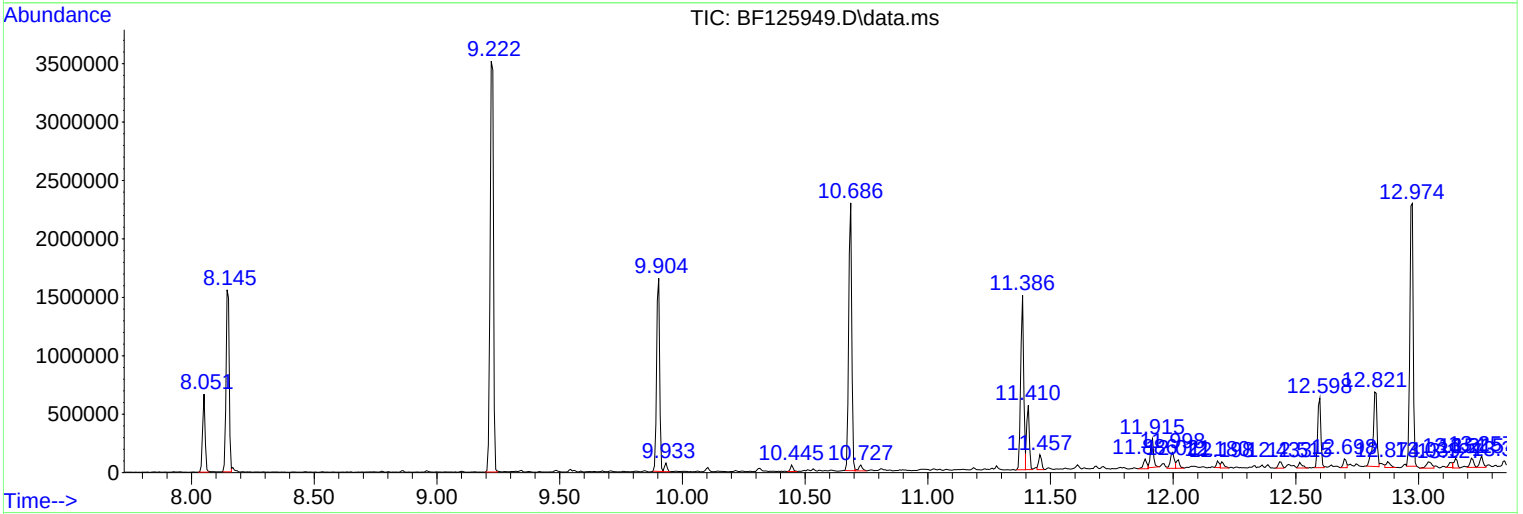
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

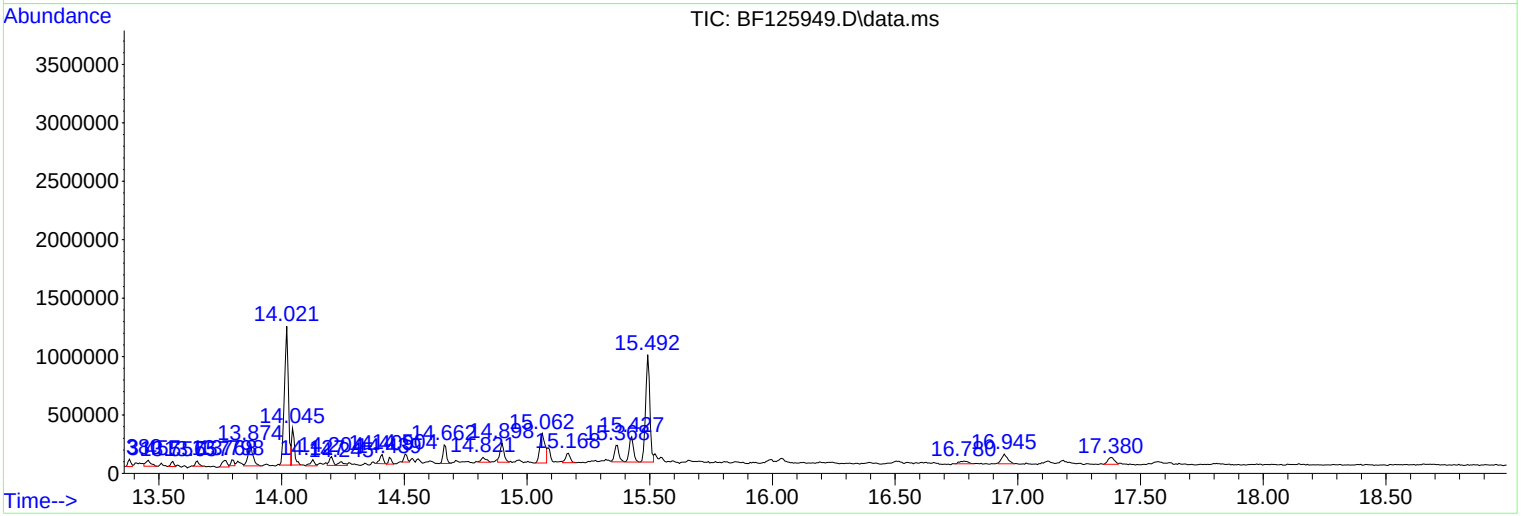
Instrument :
BNA_F
ClientSampleId :
C2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

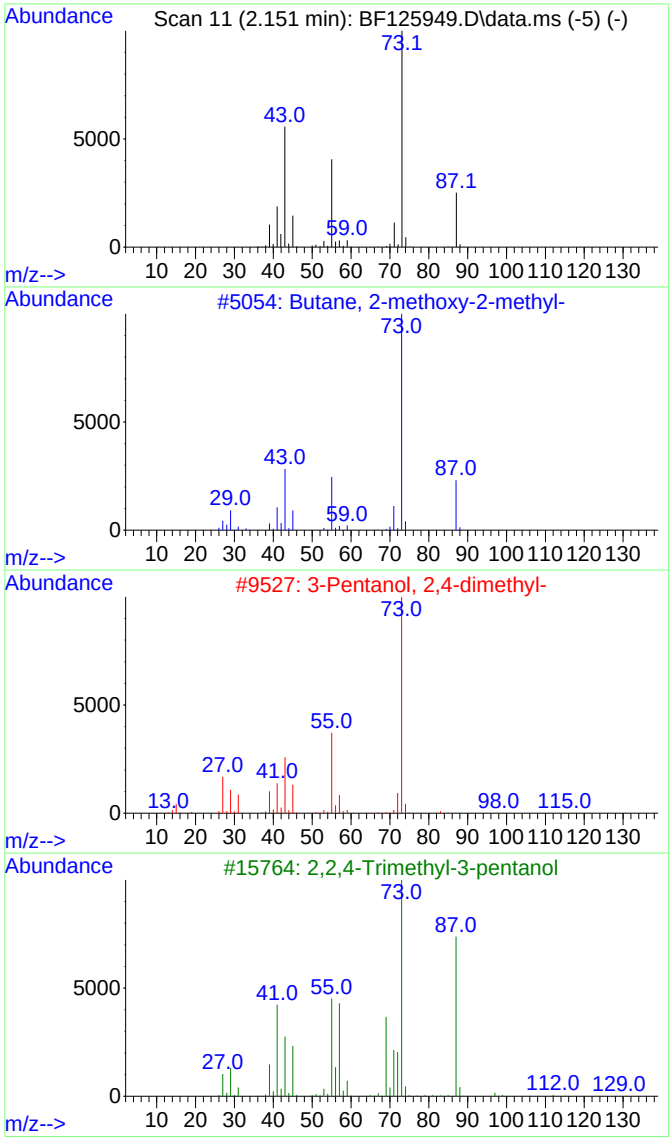
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

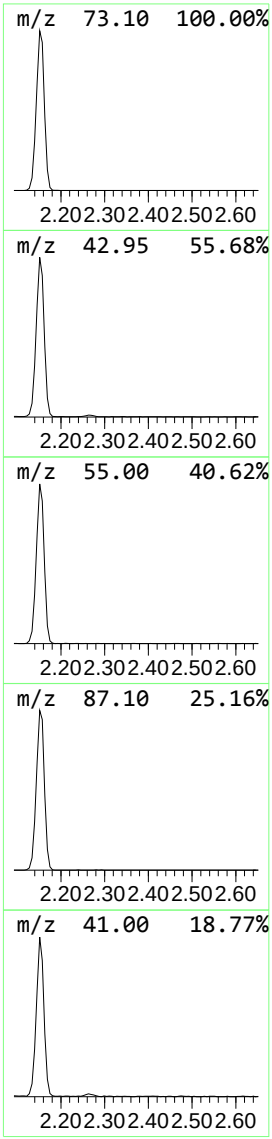
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	55.84 ng	3071720	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	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
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Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

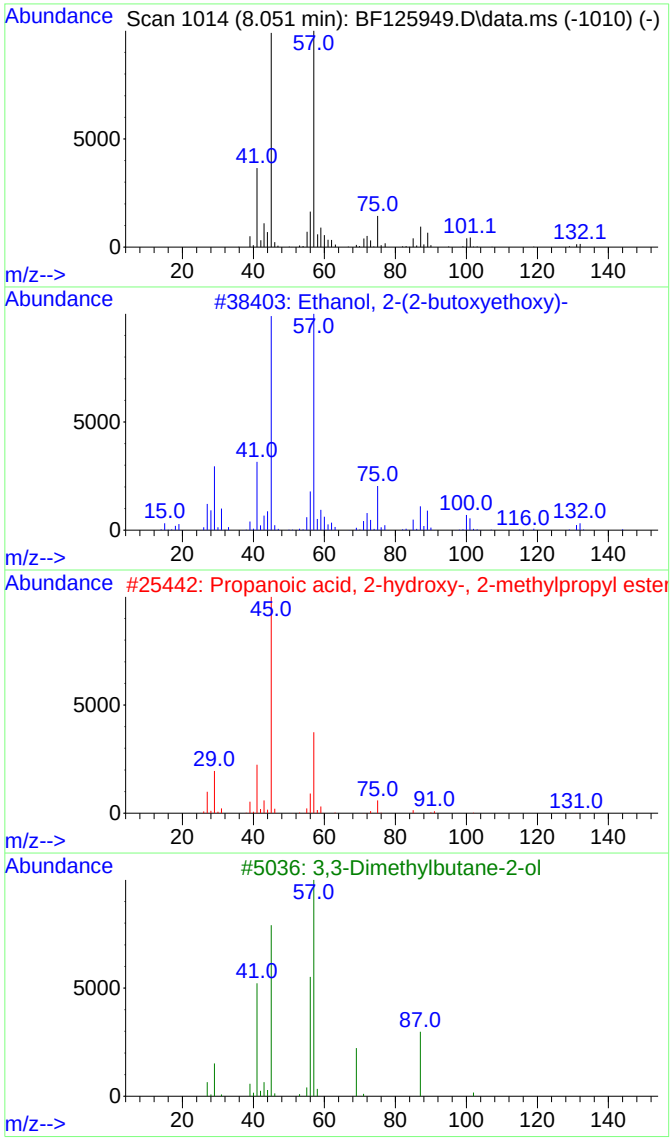
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

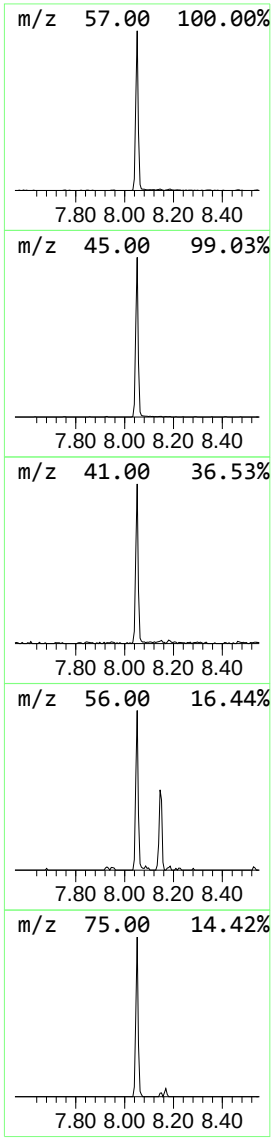
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	6.84 ng	477544	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
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Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

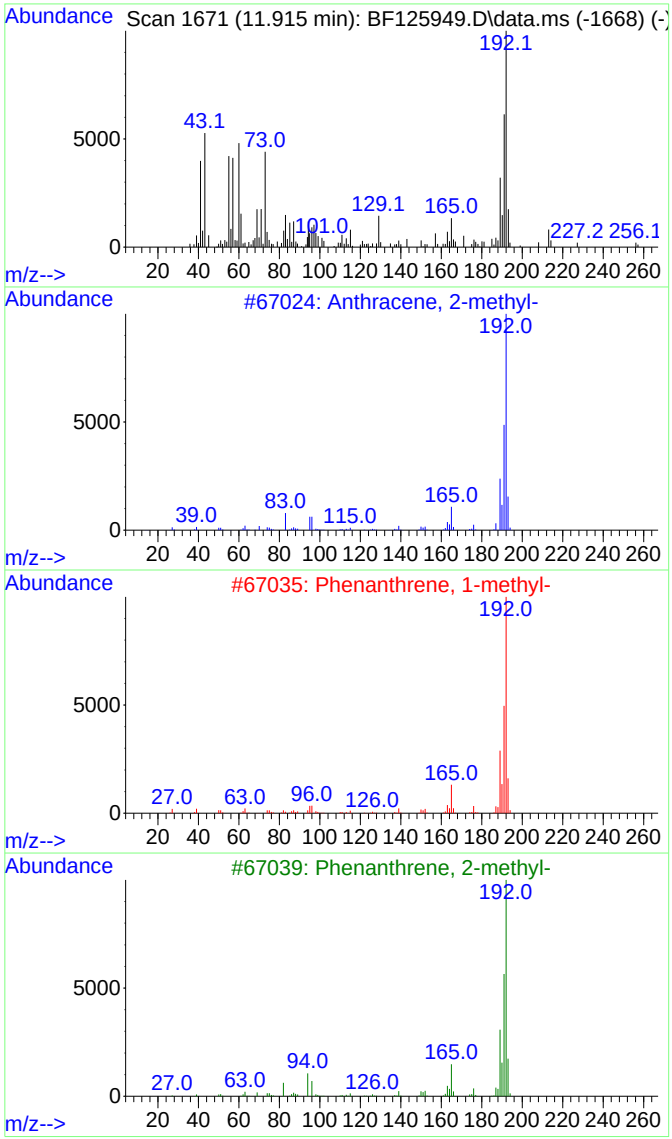
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

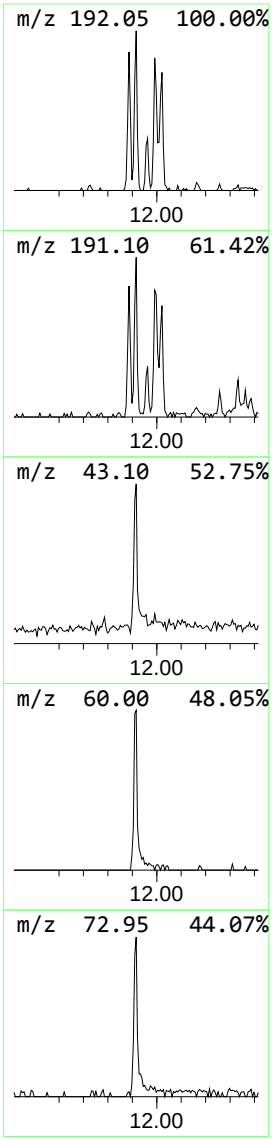
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.44 ng	217978	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
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Instrument : BNA_F
ClientSampleId : C2

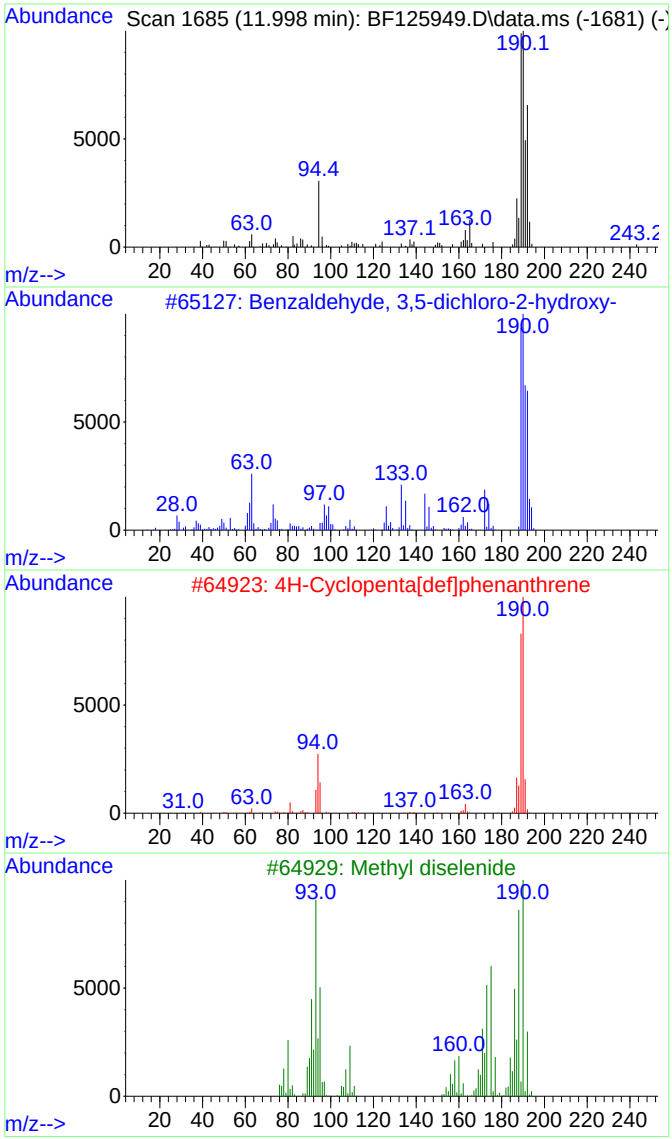
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

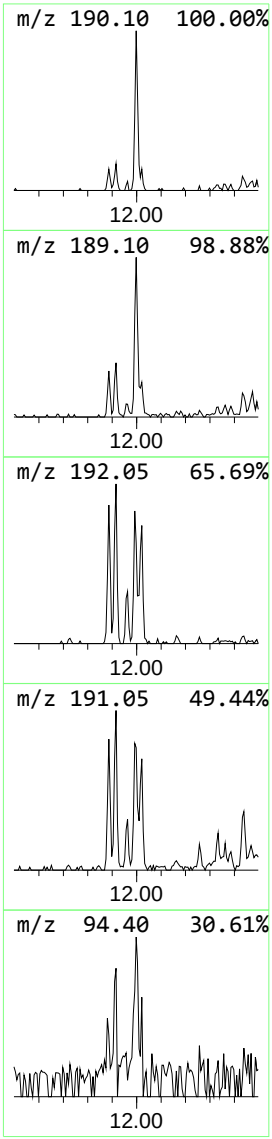
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.43 ng	153812	Phenanthrene-d10	11.386

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	62
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

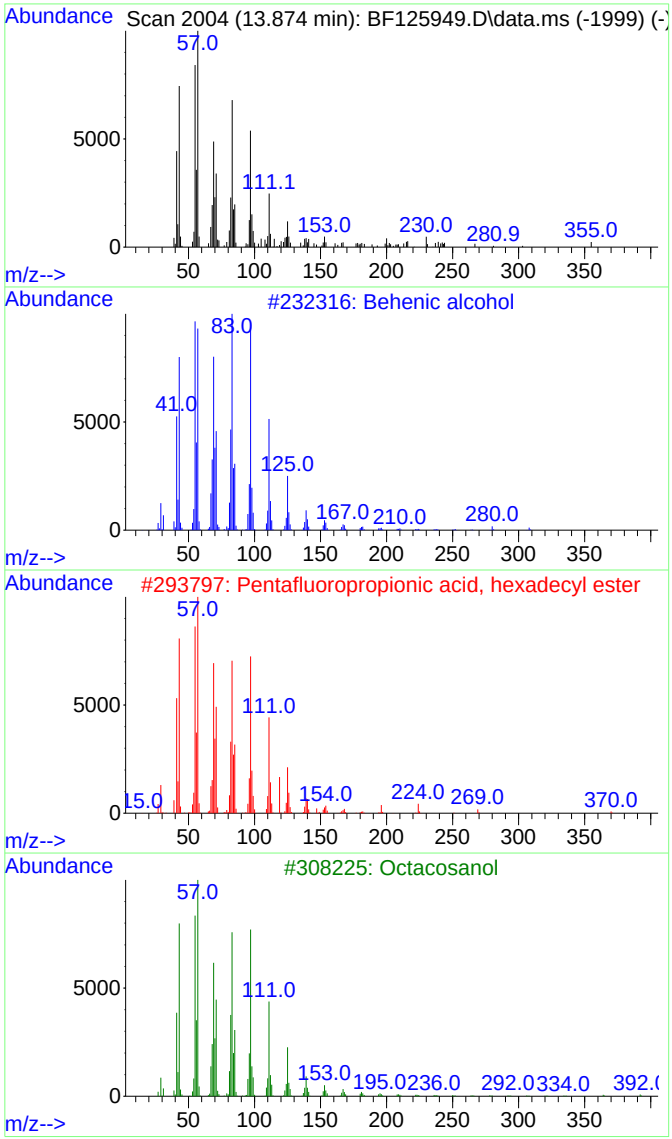
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

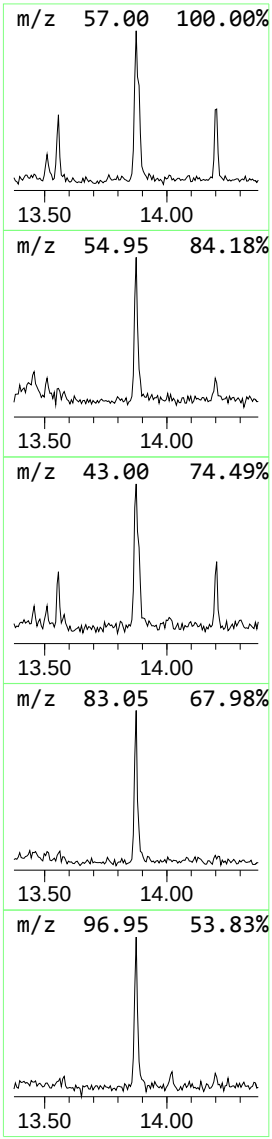
****

Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.82 ng	259788	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





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Data File : BF125949.D
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Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

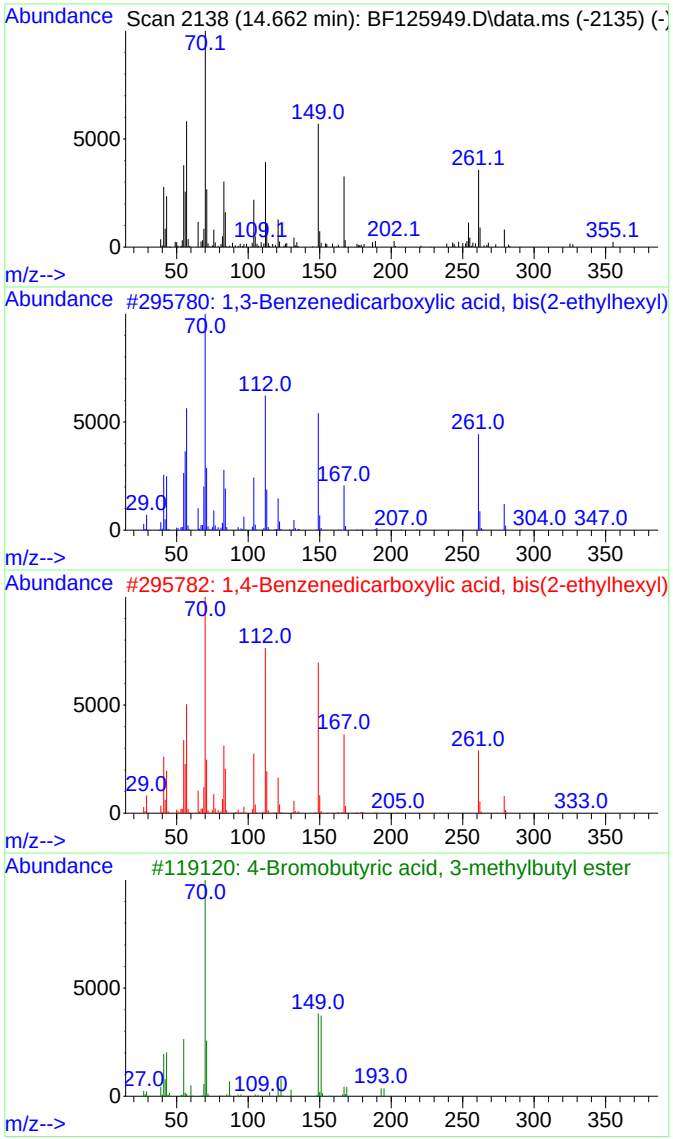
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

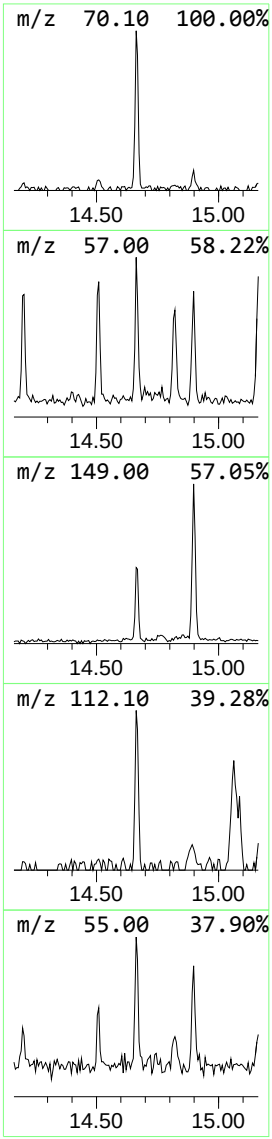
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.662	2.31 ng	157265	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	53
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	43
3	4-Bromobutyric acid, 3-methylbut...	236	C9H17BrO2	1000354-68-4	38
4	5-Ethyl-1-nonene	154	C11H22	019780-74-6	25
5	Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

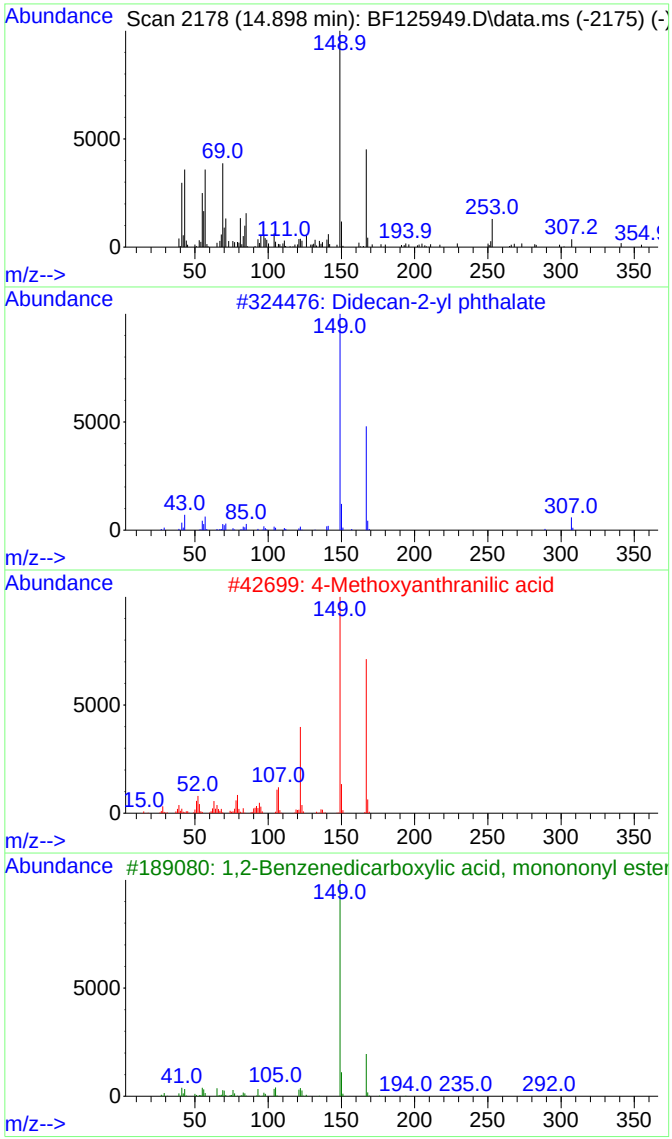
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

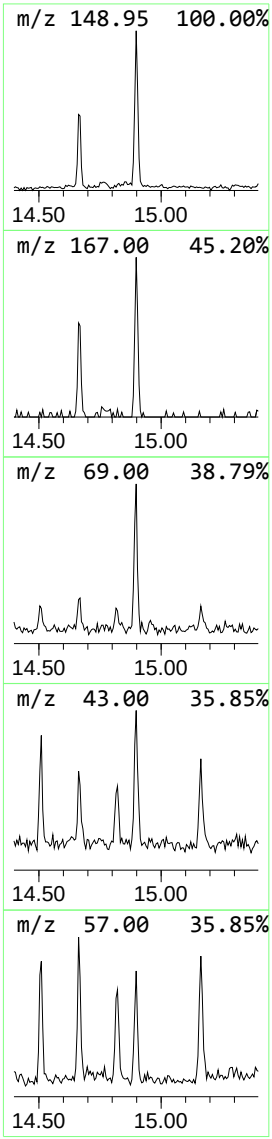
****

Peak Number 7 Didecan-2-yl phthalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	3.30 ng	181910	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Didecan-2-yl phthalate	446	C28H46O4	028029-89-2	80
2	4-Methoxyanthranilic acid	167	C8H9NO3	004294-95-5	64
3	1,2-Benzenedicarboxylic acid, mo...	292	C17H24O4	024539-59-1	59
4	Di-2-nonyl phthalate	418	C26H42O4	059431-96-8	59
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

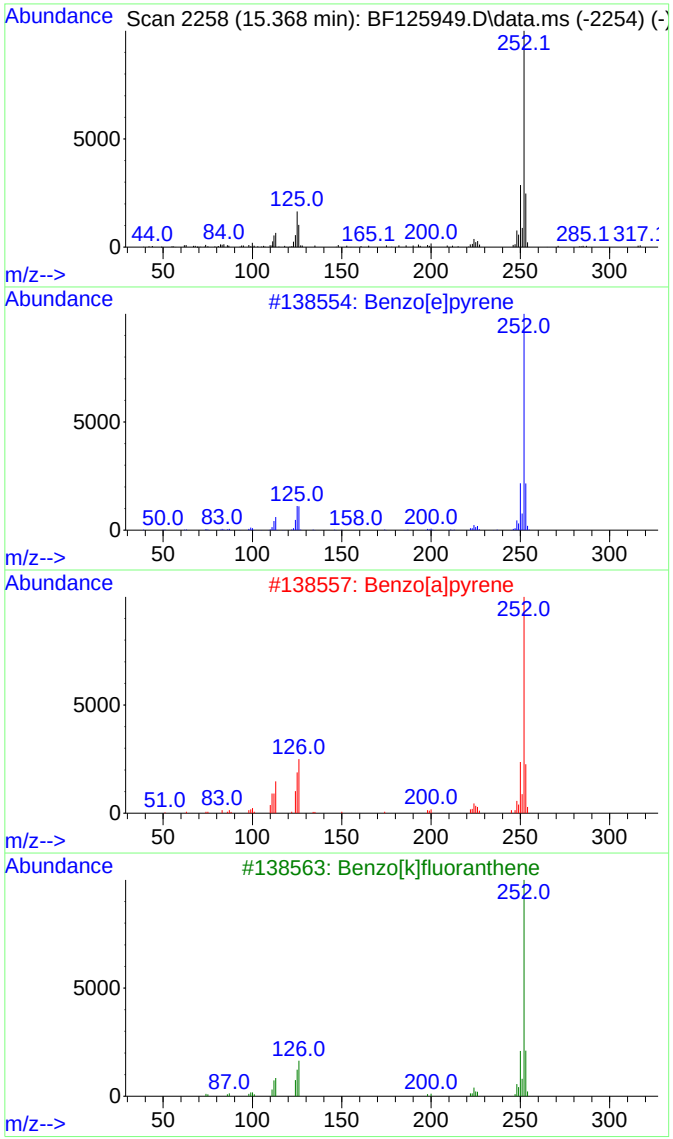
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

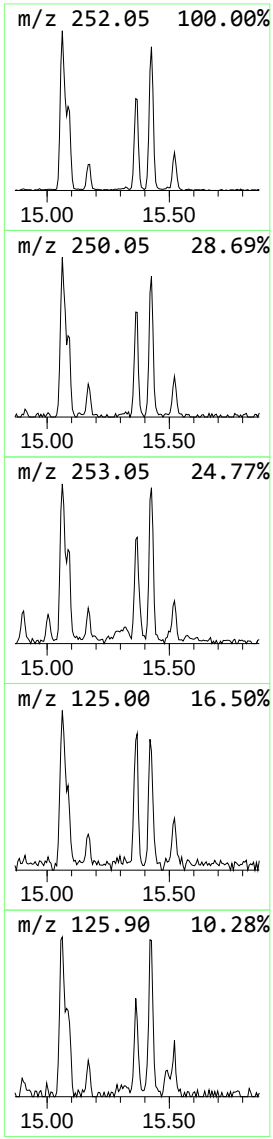
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	3.31 ng	182335	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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...	2.151	55.8	ng	3071720	1	6.869	1100160	20.0
Ethanol, 2-(2-b...	8.051	6.8	ng	477544	2	8.151	1397110	20.0
Anthracene, 2-m...	11.916	3.4	ng	217978	4	11.386	1266980	20.0
Benzaldehyde, 3...	11.998	2.4	ng	153812	4	11.386	1266980	20.0
Behenic alcohol	13.874	3.8	ng	259788	5	14.021	1360070	20.0
1,3-Benzenedica...	14.662	2.3	ng	157265	5	14.021	1360070	20.0
Didecan-2-yl ph...	14.898	3.3	ng	181910	6	15.492	1103020	20.0
Benzo[e]pyrene	15.368	3.3	ng	182335	6	15.492	1103020	20.0