LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	13	rVB	137407	193876	19.25%	1.985%
2	3.951	311	316	321	rVB	6520	10550	1.05%	0.108%
3	5.504	574	580	589	rBV	127405	183101	18.18%	1.875%
4	6.516	747	752	765	rBV	126374	194620	19.32%	1.993%
5	6.875	808	813	825	rBV	610465	762936	75.75%	7.813%
6	7.139	853	858	863	rBV2	13543	17824	1.77%	0.183%
7	7.398	897	902	903	rBV3	8254	10905	1.08%	0.112%
8	7.433	903	908	917	rVV	85200	132733	13.18%	1.359%
9	7.510	917	921	925	rVB4	7688	12290	1.22%	0.126%
10	7.675	946	949	956	rVB5	8735	13895	1.38%	0.142%
11	7.733	956	959	965	rBV5	5868	13735	1.36%	0.141%
12	7.792	965	969	972	rVB3	11107	13330	1.32%	0.137%
13	8.157	1024	1031	1037	rBV	738796	984720	97.77%	10.084%
14	8.210	1037	1040	1043	rVV	31555	42647	4.23%	0.437%
15	8.239	1043	1045	1053	rVB7	12908	20767	2.06%	0.213%
16	8.357	1061	1065	1069	rVB	32844	38196	3.79%	0.391%
17	8.439	1075	1079	1085	rBV6	15229	25393	2.52%	0.260%
18	8.569	1097	1101	1104	rBV	33086	44046	4.37%	0.451%
19	8.657	1112	1116	1118	rBV	21260	24673	2.45%	0.253%
20	8.692	1118	1122	1126	rVV2	24776	32229	3.20%	0.330%
21	9.027	1176	1179	1182	rBV5	11757	18279	1.81%	0.187%
22	9.145	1196	1199	1200	rBV3	15208	16366	1.62%	0.168%
23	9.169	1200	1203	1208	rVB2	57522	80162	7.96%	0.821%
24	9.228	1208	1213	1219	rBV	192740	251870	25.01%	2.579%
25	9.310	1222	1227	1230	rBV2	46406	70730	7.02%	0.724%
26	9.492	1254	1258	1263	rBV	25318	41452	4.12%	0.424%
27	9.563	1267	1270	1275	rVV	43791	71461	7.09%	0.732%
28	9.622	1276	1280	1287	rVV3	68082	108594	10.78%	1.112%
29	9.680	1287	1290	1297	rVV3	20845	33353	3.31%	0.342%
30	9.769	1302	1305	1309	rBV2	41332	53155	5.28%	0.544%
31	9.822	1310	1314	1320	rVB4	21464	38174	3.79%	0.391%
32	9.910	1323	1329	1334	rBV	776427	986474	97.94%	10.102%
33	10.016	1343	1347	1351	rBV	20780	30861	3.06%	0.316%
34	10.151	1367	1370	1379	rVB4	29990	54328	5.39%	0.556%
35	10.227	1379	1383	1385	rBV	26366	38074	3.78%	0.390%
36	10.327	1394	1400	1404	rVB2	26013	56079	5.57%	0.574%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.363	1404	1406	1409	rBV2	8587	10748	1.07%	0.110%
38	10.457	1418	1422	1428	rVB3	21691	35984	3.57%	0.368%
39	10.616	1445	1449	1456	rVB	34666	57102	5.67%	0.585%
40	10.698	1459	1463	1468	rVB	70626	92642	9.20%	0.949%
41	10.816	1478	1483	1490	rVB2	46266	80941	8.04%	0.829%
42	11.004	1511	1515	1518	rBV2	23167	36144	3.59%	0.370%
43	11.092	1527	1530	1533	rVB2	18449	21404	2.13%	0.219%
44	11.251	1553	1557	1560	rBV3	14915	22076	2.19%	0.226%
45	11.292	1560	1564	1575	rVB3	31507	59122	5.87%	0.605%
46	11.398	1577	1582	1591	rBV2	679537	1007220	100.00%	10.314%
47	11.474	1592	1595	1598	rBV	20314	22953	2.28%	0.235%
48	11.510	1598	1601	1604	rVB2	13523	16575	1.65%	0.170%
49	11.633	1619	1622	1627	rBV4	13516	25681	2.55%	0.263%
50	11.727	1635	1638	1643	rVB	25034	34579	3.43%	0.354%
51	11.816	1650	1653	1657	rVB	12996	15271	1.52%	0.156%
52	11.898	1663	1667	1670	rBV	76596	117716	11.69%	1.205%
53	11.927	1670	1672	1677	rVB	92383	103720	10.30%	1.062%
54	11.980	1677	1681	1682	rBV	25322	31223	3.10%	0.320%
55	12.010	1682	1686	1689	rBV2	84295	123634	12.27%	1.266%
56	12.198	1714	1718	1721	rBV	29253	42847	4.25%	0.439%
57	12.345	1738	1743	1745	rBV2	24883	41960	4.17%	0.430%
58	12.374	1746	1748	1751	rVV	20495	23169	2.30%	0.237%
59	12.451	1756	1761	1764	rBV	92859	136611	13.56%	1.399%
60	12.486	1764	1767	1773	rVB2	54729	91498	9.08%	0.937%
61	12.539	1773	1776	1784	rVB3	36699	75350	7.48%	0.772%
62	12.616	1784	1789	1793	rBV	159700	211651	21.01%	2.167%
63	12.657	1793	1796	1798	rBV	19179	26773	2.66%	0.274%
64	12.845	1823	1828	1834	rBV	231840	337524	33.51%	3.456%
65	12.980	1847	1851	1859	rVB	158129	238699	23.70%	2.444%
66	13.063	1861	1865	1871	rVV3	42457	83216	8.26%	0.852%
67	13.168	1877	1883	1887	rVB	64129	122976	12.21%	1.259%
68	13.274	1898	1901	1905	rBV	64608	81536	8.10%	0.835%
69	13.368	1914	1917	1920	rBV	50192	63580	6.31%	0.651%
70	13.398	1920	1922	1931	rVB2	60455	88516	8.79%	0.906%
71	14.051	2027	2033	2044	rBV2	537739	962768	95.59%	9.859%
72	15.551	2283	2288	2297	rVB	303392	500058	49.65%	5.121%

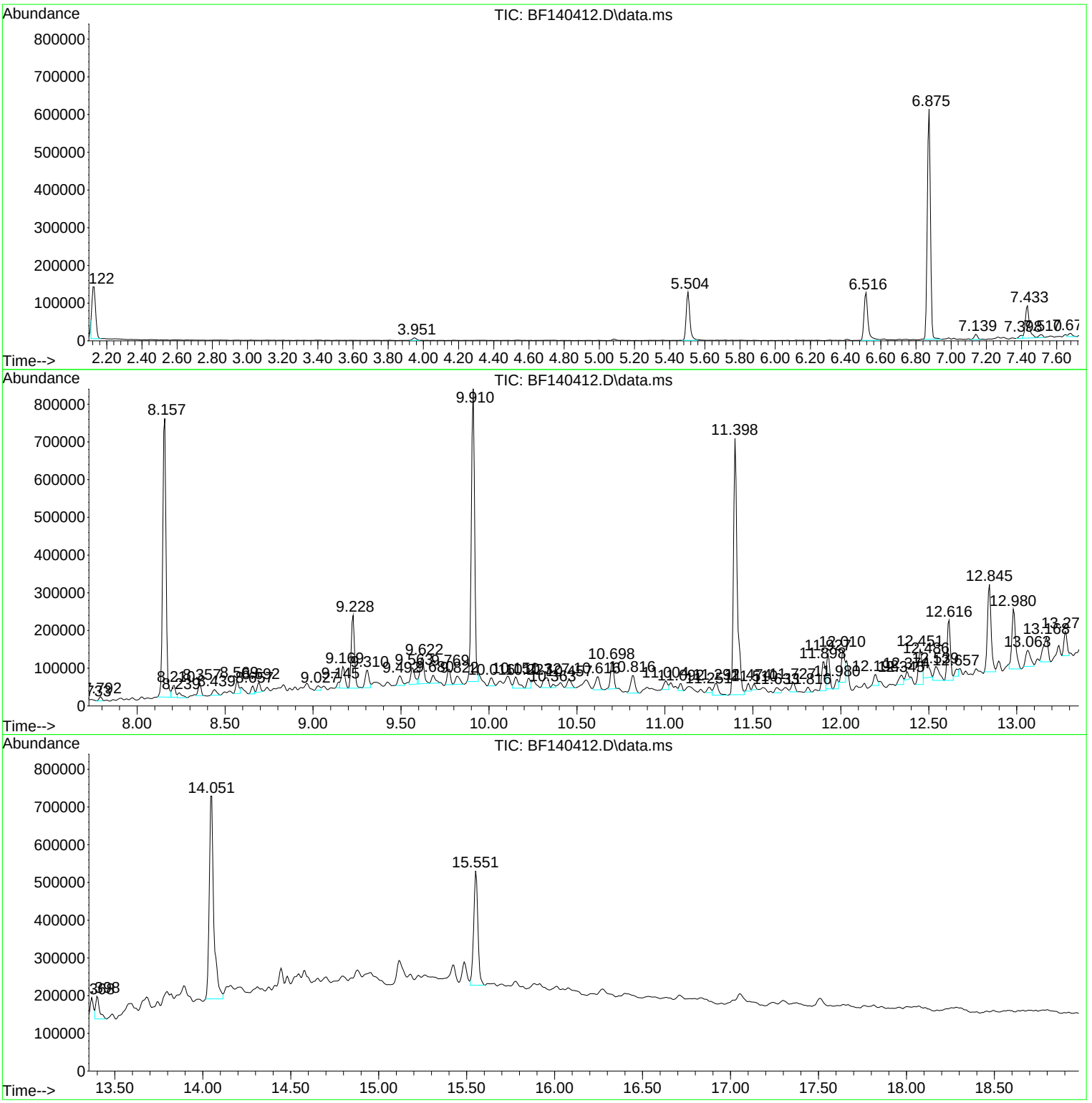
Sum of corrected areas: 9765345

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

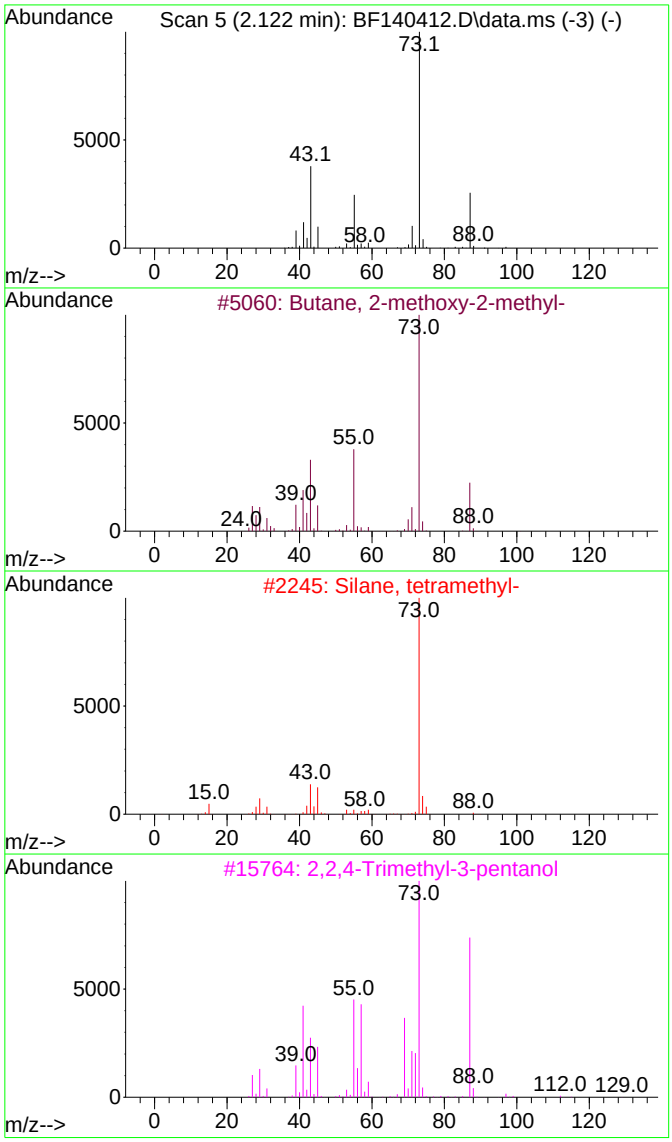
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

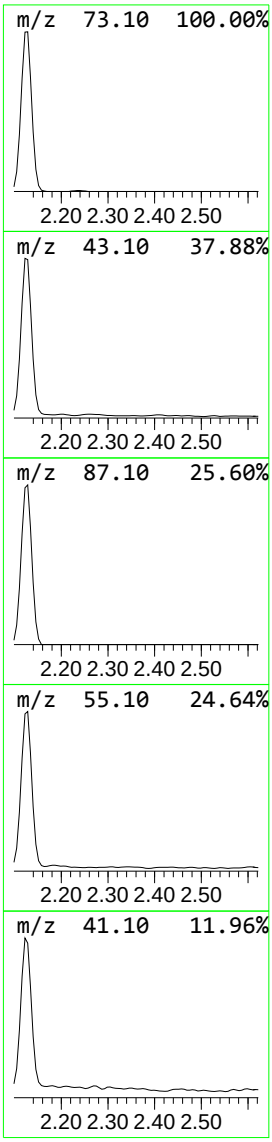
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	5.08 ng	193876	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

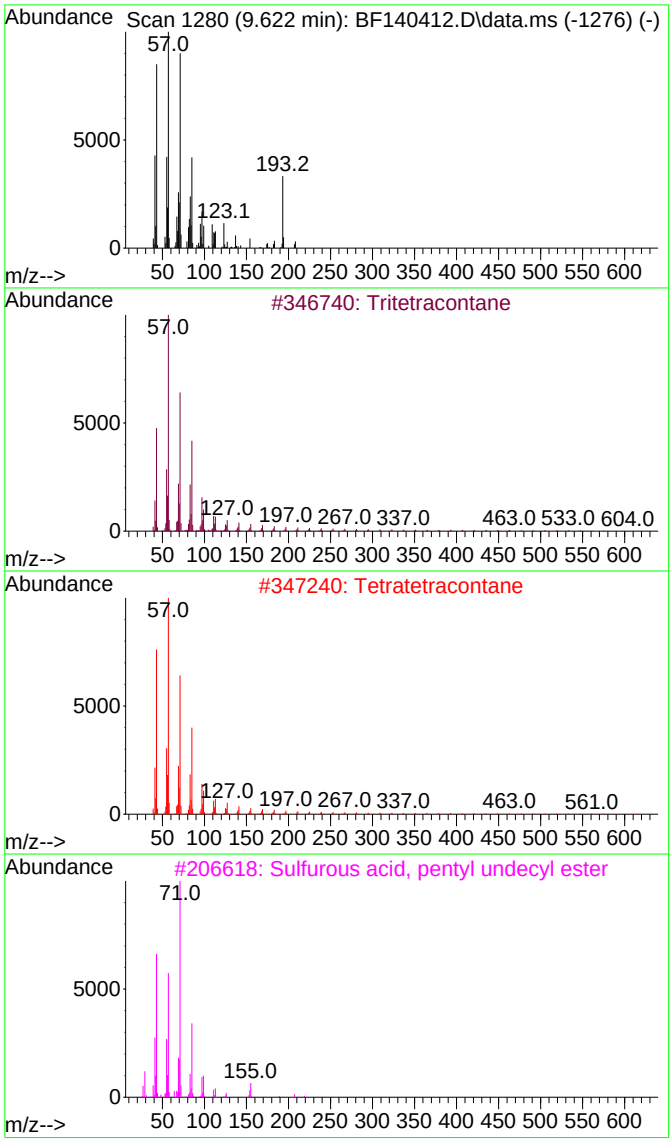
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

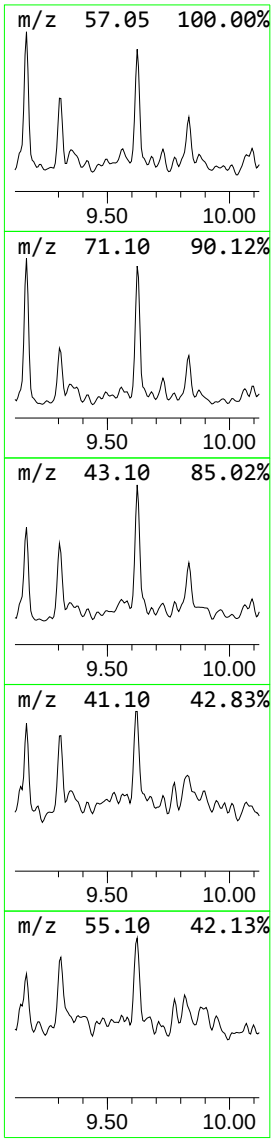
****

Peak Number 2 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	2.20 ng	108594	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	58
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	58
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	53
5	Hexadecane	226	C16H34	000544-76-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

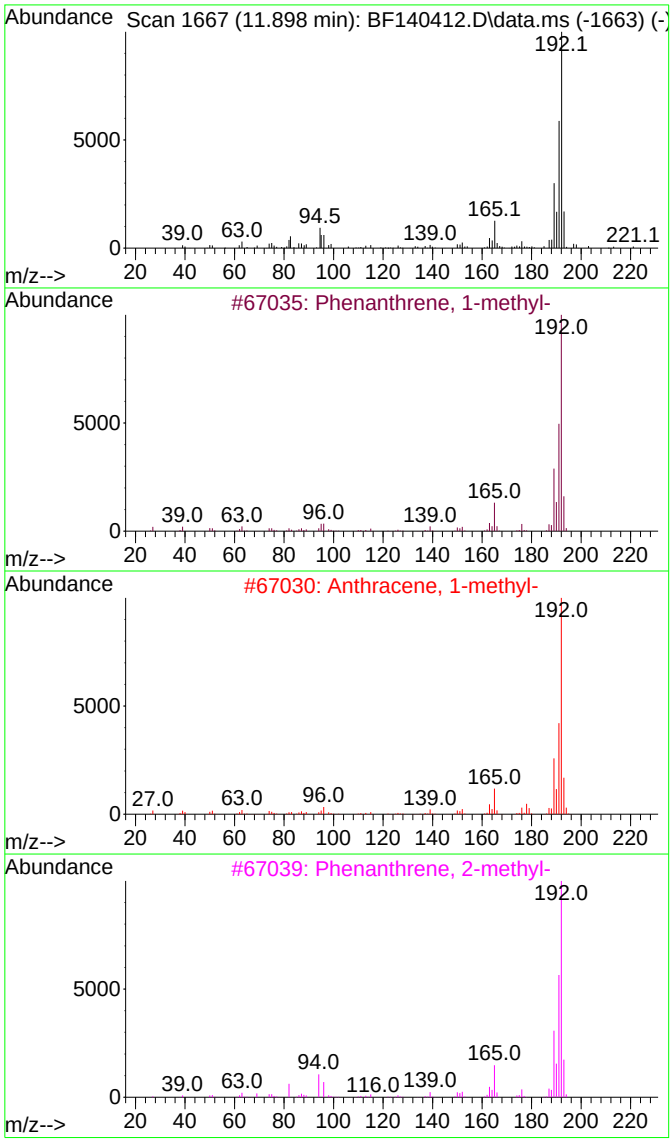
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

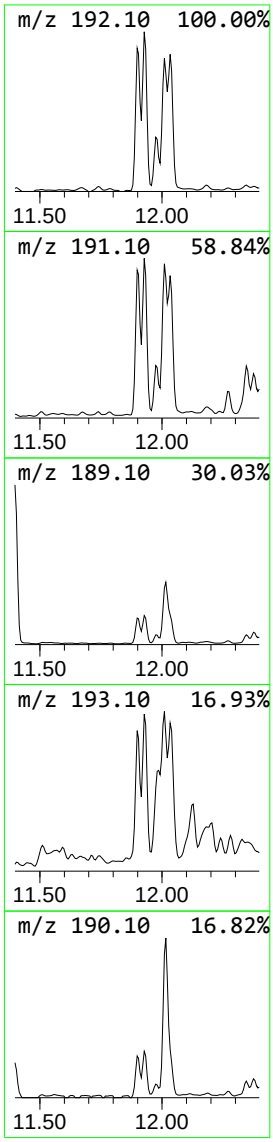
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.34 ng	117716	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

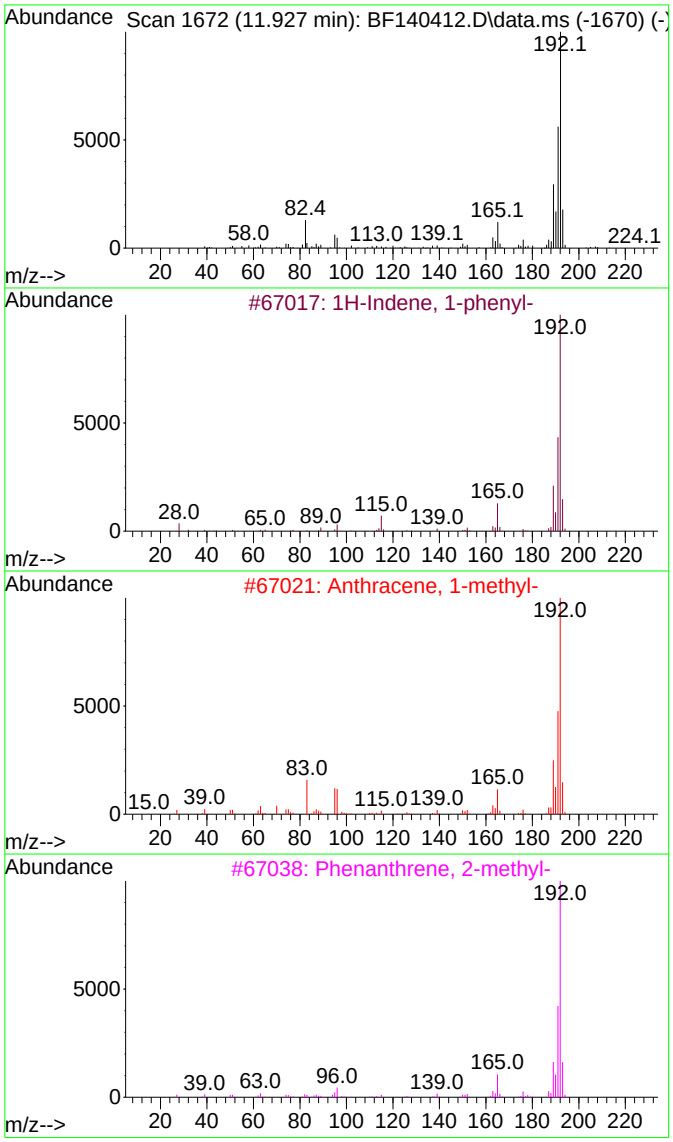
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

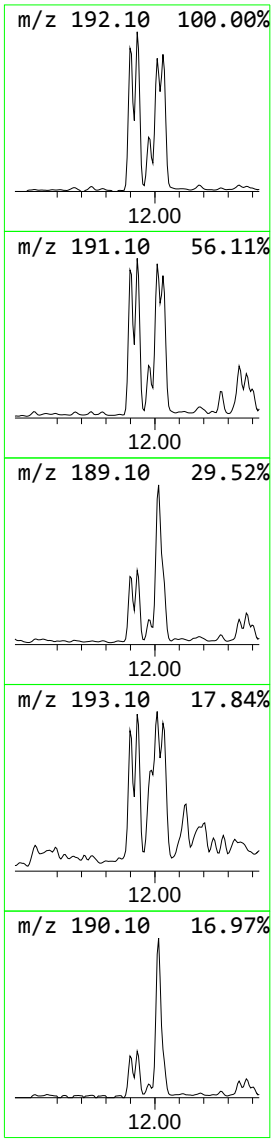
****

Peak Number 4 1H-Indene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.06 ng	103720	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

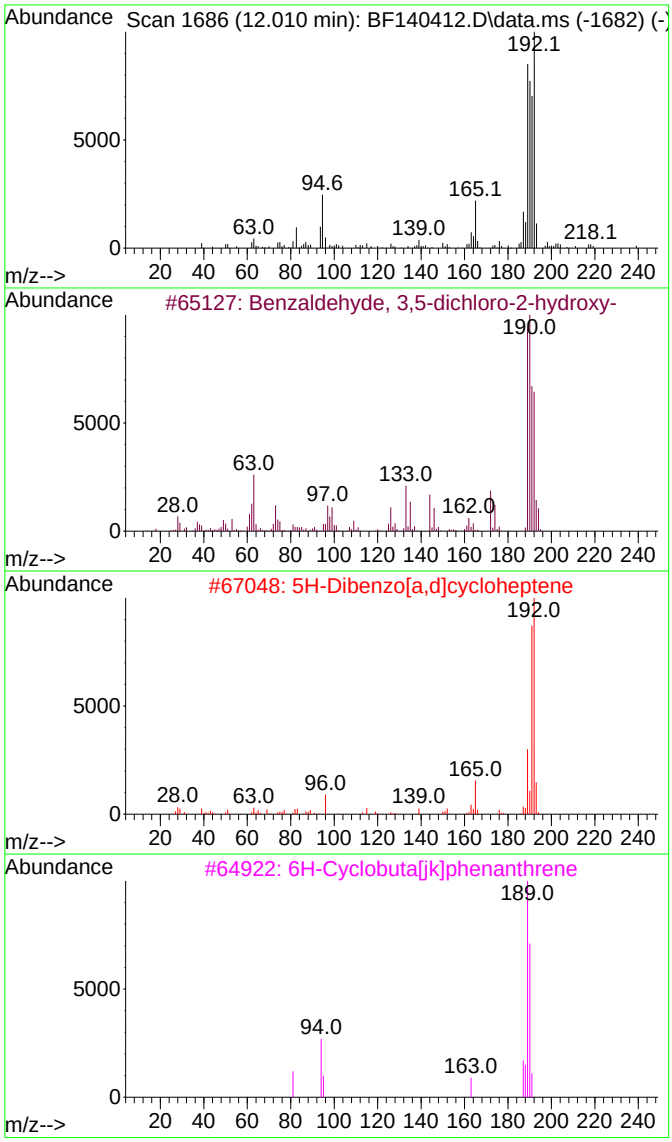
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

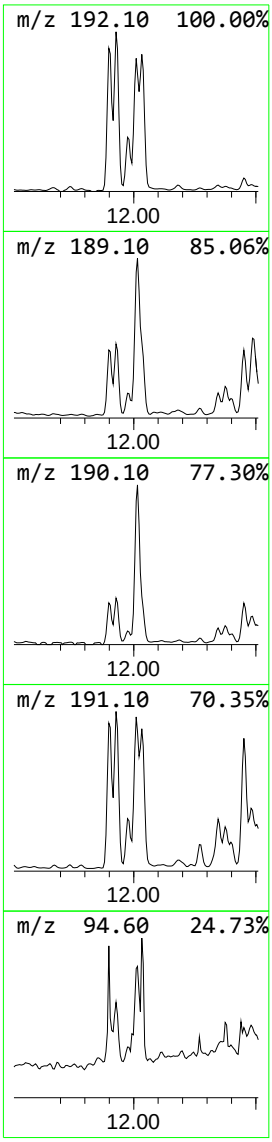
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.45 ng	123634	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

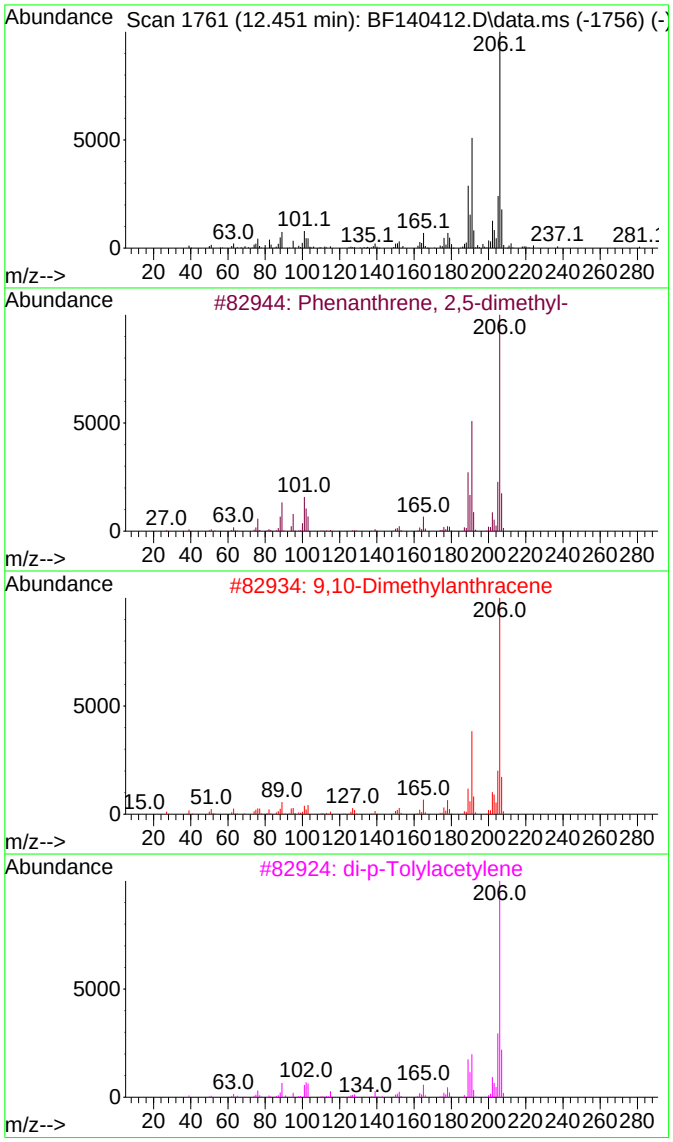
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

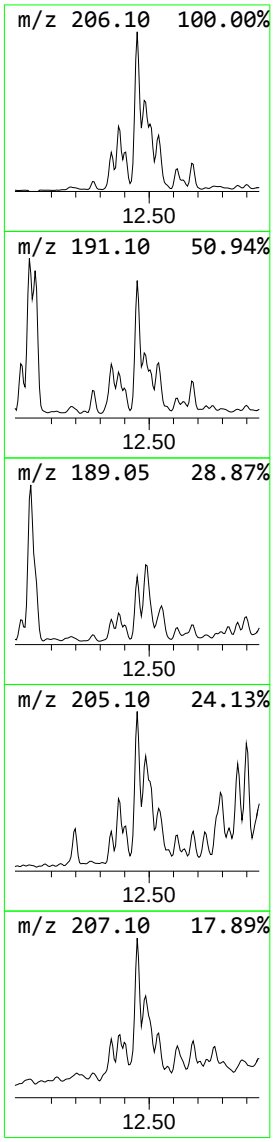
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.71 ng	136611	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

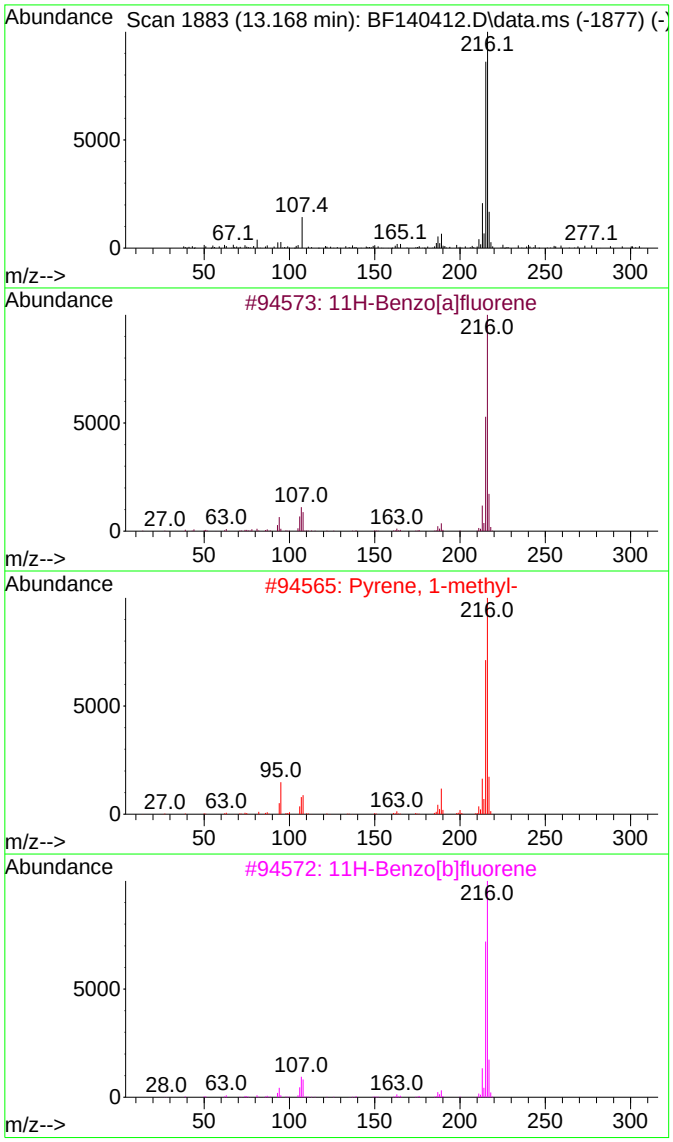
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

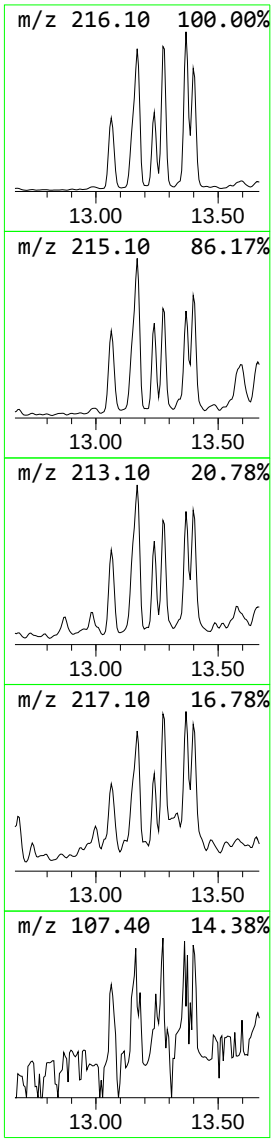
****

Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	2.55 ng	122976	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140412.D
Acq On : 15 Nov 2024 18:58
Operator : RC/JU
Sample : P4825-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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...	2.122	5.1	ng	193876	1	6.875	762936	20.0
Tritetracontane	9.622	2.2	ng	108594	3	9.910	986474	20.0
Phenanthrene, 1...	11.898	2.3	ng	117716	4	11.398	1007220	20.0
1H-Indene, 1-ph...	11.927	2.1	ng	103720	4	11.398	1007220	20.0
Benzaldehyde, 3...	12.010	2.5	ng	123634	4	11.398	1007220	20.0
Phenanthrene, 2...	12.451	2.7	ng	136611	4	11.398	1007220	20.0
11H-Benzo[a]flu...	13.168	2.5	ng	122976	5	14.051	962768	20.0