LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-MANHOLE

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-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123384.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	6	12	rVB	88230	112298	2.67%	0.304%
2	3.810	289	293	299	rVB	32353	44363	1.05%	0.120%
3	4.998	492	495	505	rVB	121008	158035	3.75%	0.428%
4	5.416	562	566	586	rVB	4069567	4045035	96.05%	10.965%
5	6.434	734	739	754	rBV	3992734	4211372	100.00%	11.416%
6	6.628	767	772	785	rBV3	39727	85834	2.04%	0.233%
7	6.787	796	799	806	rVB	1320427	1135600	26.97%	3.078%
8	7.351	891	895	898	rBV	2768661	2660886	63.18%	7.213%
9	8.075	1012	1018	1021	rBV	1691135	1607782	38.18%	4.358%
10	8.498	1085	1090	1095	rBV	59533	58430	1.39%	0.158%
11	9.151	1196	1201	1204	rBV	4400656	4079555	96.87%	11.059%
12	9.233	1211	1215	1217	rBV	74857	71571	1.70%	0.194%
13	9.269	1217	1221	1225	rVV	406075	355453	8.44%	0.964%
14	9.486	1255	1258	1260	rBV	51131	47102	1.12%	0.128%
15	9.545	1264	1268	1271	rBV	206016	192045	4.56%	0.521%
16	9.763	1302	1305	1307	rVB	83757	61002	1.45%	0.165%
17	9.828	1310	1316	1320	rBV	2007612	1701199	40.40%	4.611%
18	10.033	1347	1351	1355	rBV3	54931	62652	1.49%	0.170%
19	10.122	1362	1366	1368	rBV	55711	64252	1.53%	0.174%
20	10.233	1382	1385	1387	rBV4	44133	49687	1.18%	0.135%
21	10.263	1387	1390	1392	rVB	82275	72199	1.71%	0.196%
22	10.375	1405	1409	1414	rBV3	41597	59063	1.40%	0.160%
23	10.486	1422	1428	1432	rBV2	41616	56438	1.34%	0.153%
24	10.622	1446	1451	1454	rBV	2255587	2217203	52.65%	6.010%
25	10.745	1468	1472	1475	rBV3	109979	164584	3.91%	0.446%
26	10.822	1481	1485	1493	rVB7	21896	42403	1.01%	0.115%
27	10.880	1493	1495	1498	rBV	45076	43850	1.04%	0.119%
28	11.180	1540	1546	1549	rBV4	91897	130855	3.11%	0.355%
29	11.216	1549	1552	1558	rVB3	65244	73594	1.75%	0.199%
30	11.316	1565	1569	1571	rBV	1866285	1572359	37.34%	4.262%
31	11.339	1571	1573	1575	rVV	342288	272772	6.48%	0.739%
32	11.392	1579	1582	1585	rVB	77098	82128	1.95%	0.223%
33	11.427	1585	1588	1591	rBV2	46495	51835	1.23%	0.141%
34	11.551	1606	1609	1615	rBV4	30189	59329	1.41%	0.161%
35	11.610	1617	1619	1621	rBV	84297	58041	1.38%	0.157%
36	11.774	1644	1647	1650	rBV	63151	77423	1.84%	0.210%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-MANHOLE

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-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.816	1651	1654	1655	rVV	72277	62107	1.47%	0.168%
38	11.851	1655	1660	1670	rVB	991269	1235841	29.35%	3.350%
39	11.927	1670	1673	1676	rBV2	105200	105502	2.51%	0.286%
40	12.022	1686	1689	1691	rBV	63897	53525	1.27%	0.145%
41	12.116	1700	1705	1707	rBV2	42610	65020	1.54%	0.176%
42	12.139	1707	1709	1712	rVB2	63142	58704	1.39%	0.159%
43	12.192	1716	1718	1725	rVB5	47671	49071	1.17%	0.133%
44	12.292	1732	1735	1738	rBV	259155	225930	5.36%	0.612%
45	12.351	1742	1745	1746	rBV	48209	43324	1.03%	0.117%
46	12.369	1746	1748	1751	rVV	79350	70688	1.68%	0.192%
47	12.410	1752	1755	1760	rVB	109456	127376	3.02%	0.345%
48	12.457	1760	1763	1768	rVB2	52261	60838	1.44%	0.165%
49	12.533	1772	1776	1781	rBV	475834	540239	12.83%	1.464%
50	12.633	1789	1793	1800	rBV2	327460	416240	9.88%	1.128%
51	12.757	1809	1814	1817	rBV	414239	416301	9.89%	1.128%
52	12.780	1817	1818	1821	rVB	87309	48989	1.16%	0.133%
53	12.910	1834	1840	1843	rBV	3212239	3388480	80.46%	9.185%
54	13.086	1868	1870	1874	rVB2	86253	90320	2.14%	0.245%
55	13.139	1876	1879	1881	rBV	66008	68279	1.62%	0.185%
56	13.192	1886	1888	1892	rVB2	64070	58361	1.39%	0.158%
57	13.480	1935	1937	1941	rBV4	50927	54301	1.29%	0.147%
58	13.598	1955	1957	1961	rVB	47581	51961	1.23%	0.141%
59	13.816	1990	1994	2007	rVB3	376919	717937	17.05%	1.946%
60	13.963	2013	2019	2021	rBV2	1082454	1241015	29.47%	3.364%
61	13.986	2021	2023	2026	rVB	173024	133435	3.17%	0.362%
62	14.986	2190	2193	2197	rBV	143673	222745	5.29%	0.604%
63	15.062	2203	2206	2209	rVB	57256	57752	1.37%	0.157%
64	15.286	2240	2244	2250	rVB	83761	111197	2.64%	0.301%
65	15.345	2250	2254	2259	rVB	114628	141537	3.36%	0.384%
66	15.404	2260	2264	2275	rVB	721877	969054	23.01%	2.627%
67	16.833	2503	2507	2512	rVB3	44215	74361	1.77%	0.202%
68	17.256	2576	2579	2587	rVB3	44252	91808	2.18%	0.249%

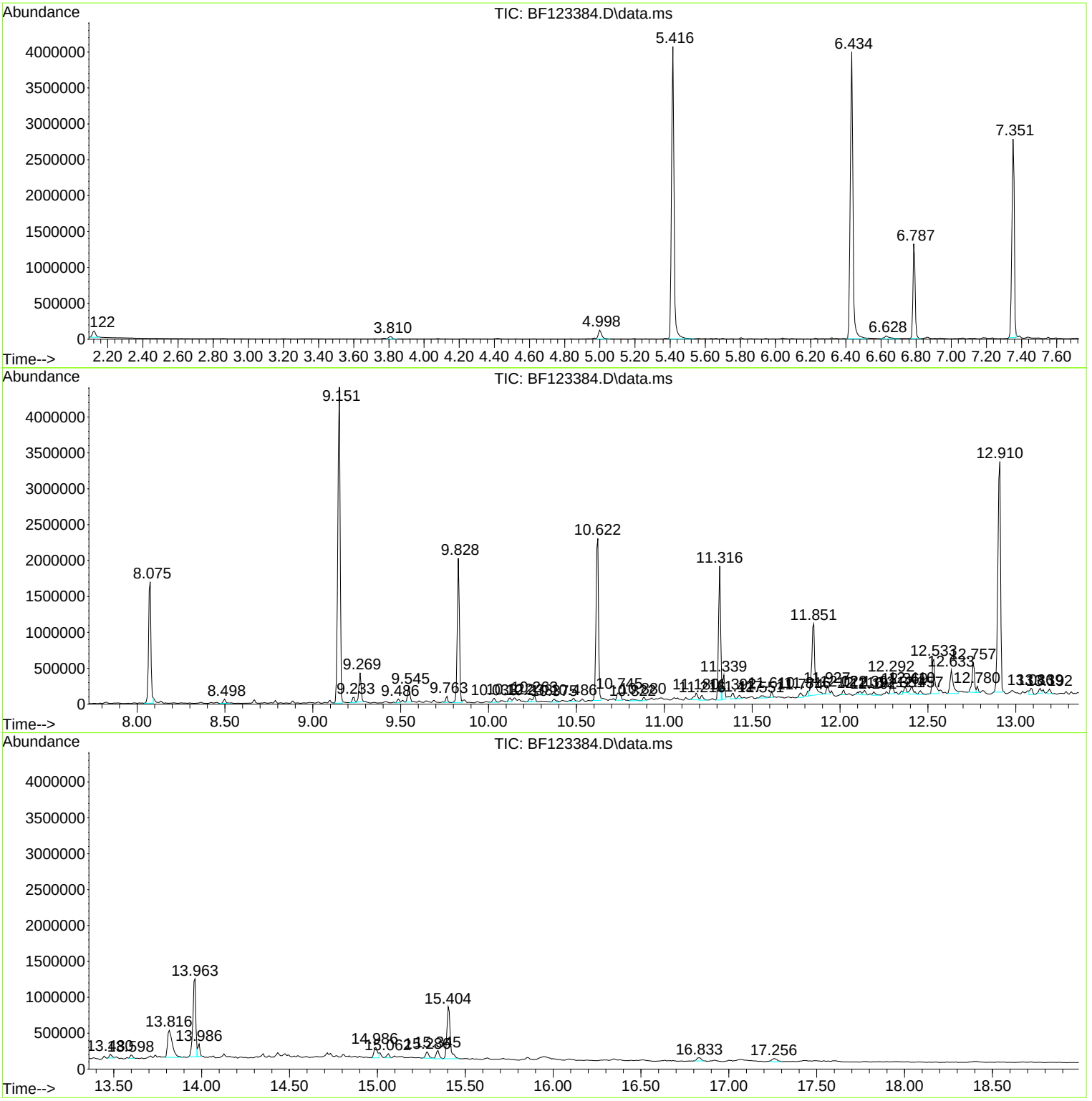
Sum of corrected areas: 36890467

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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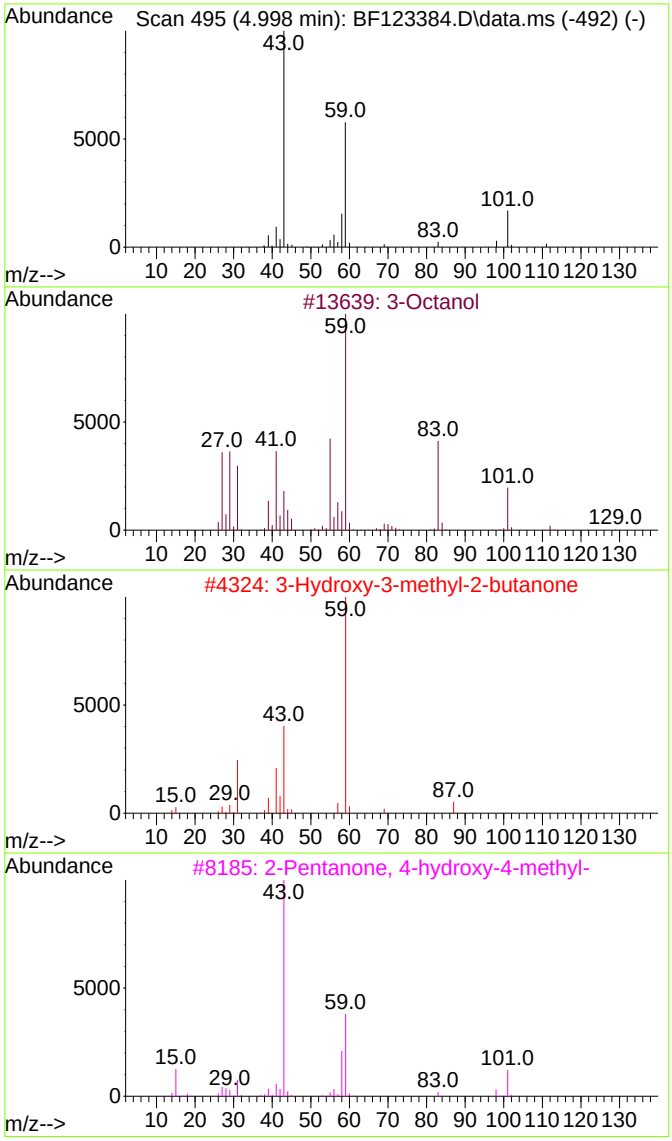
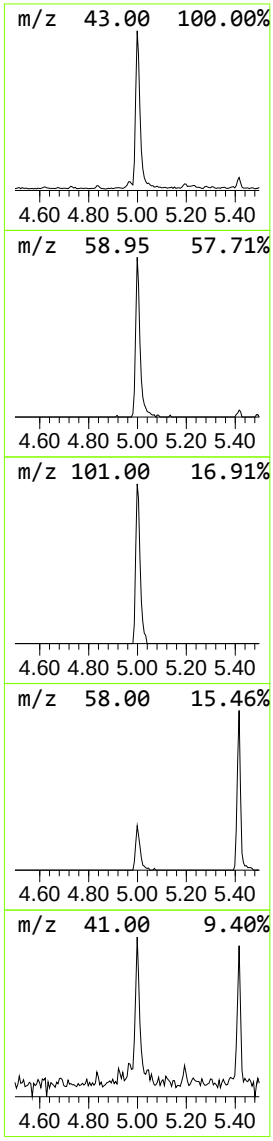
Peak Number 1 unknown4.99 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	2.78 ng	158035	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	33
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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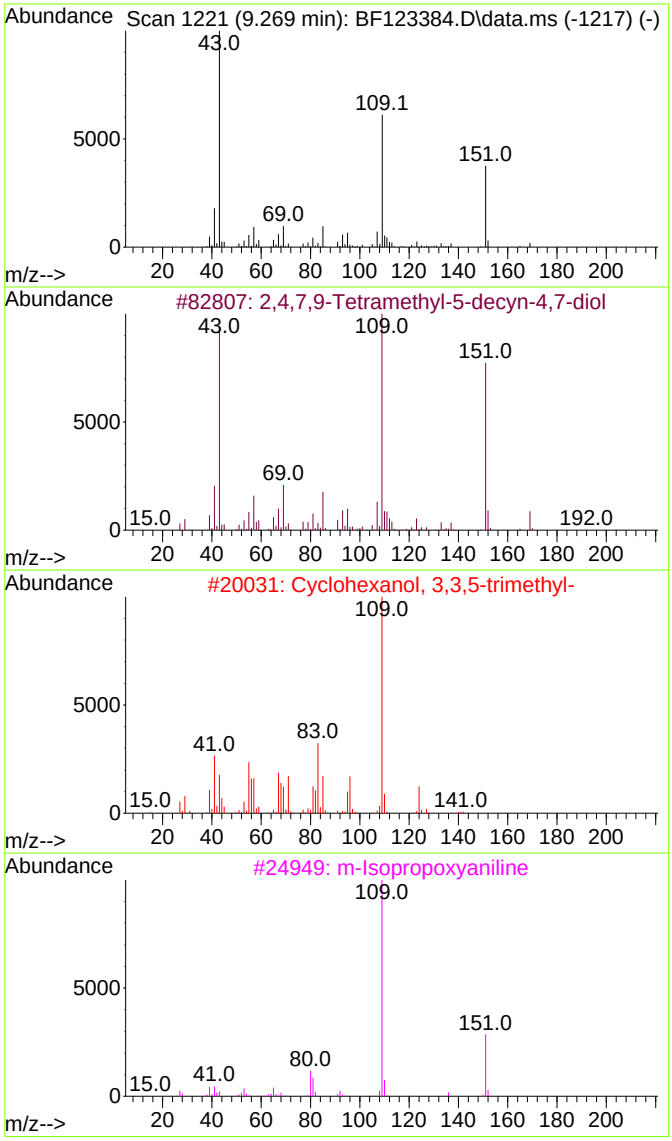
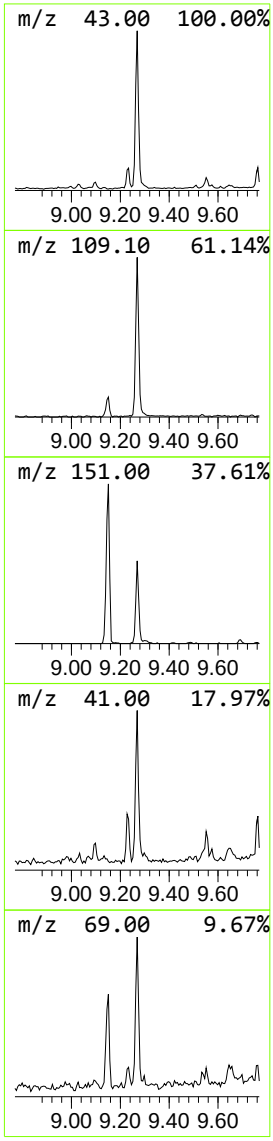
Peak Number 2 unknown9.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	4.18 ng	355453	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	49
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	38
4	Metacetamol	151	C8H9NO2	000621-42-1	38
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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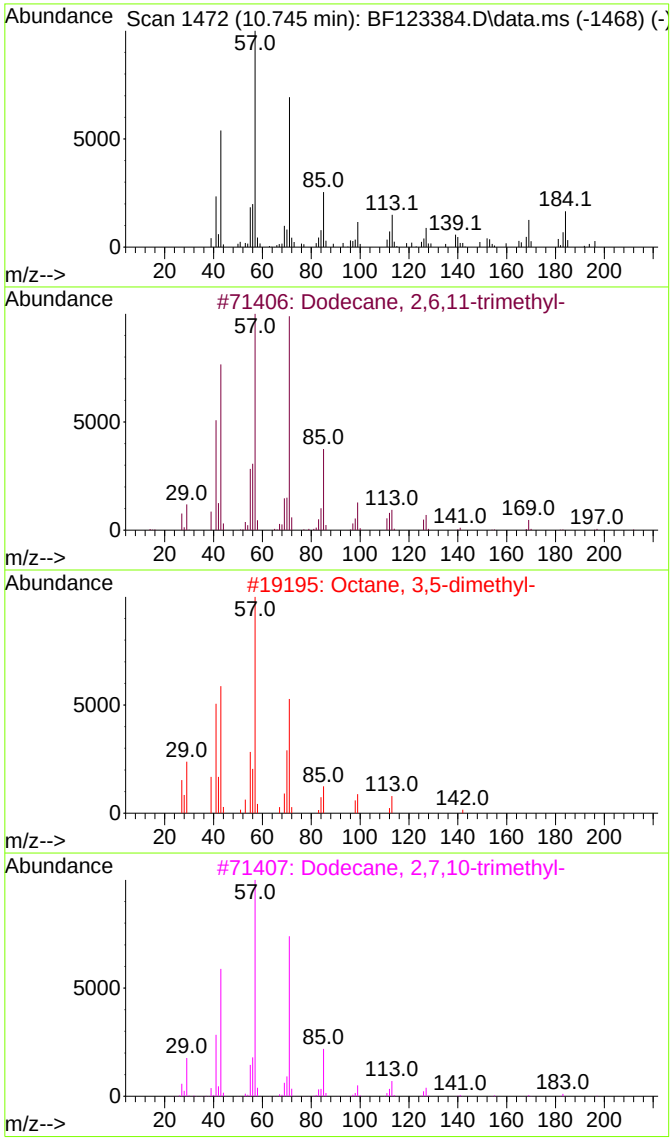
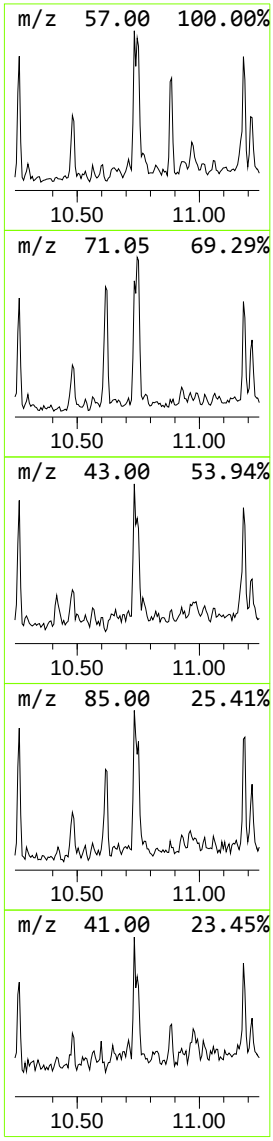
Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	2.09 ng	164584	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
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Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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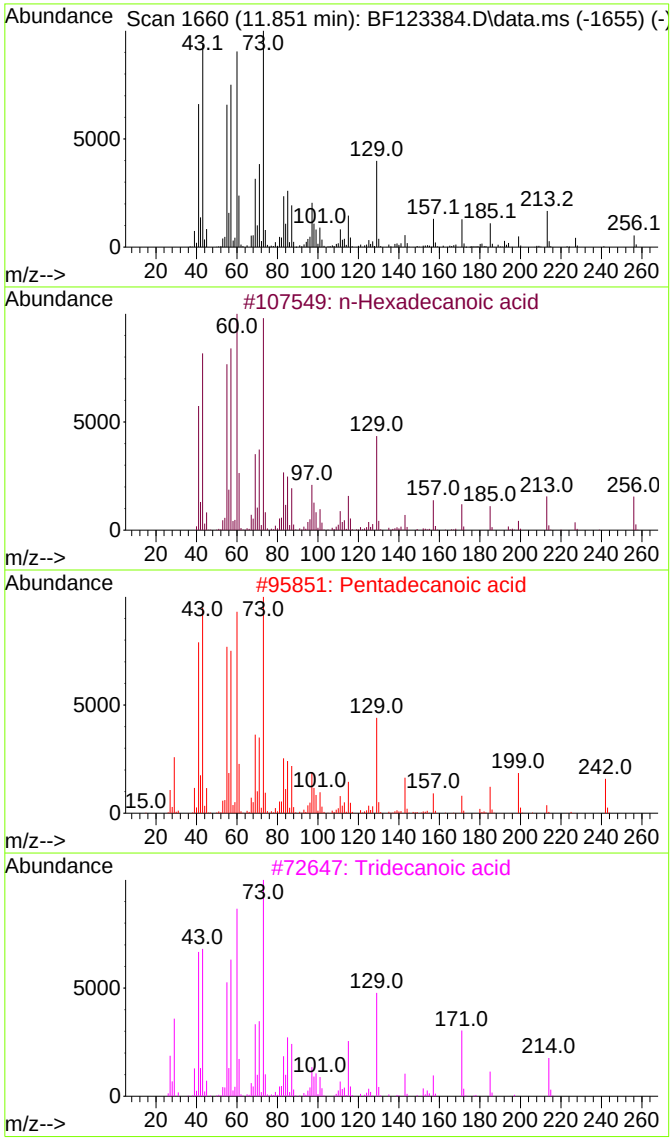
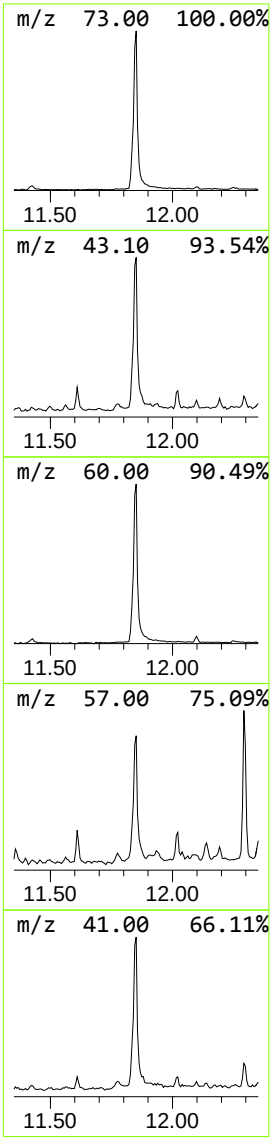
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	15.72 ng	1235840	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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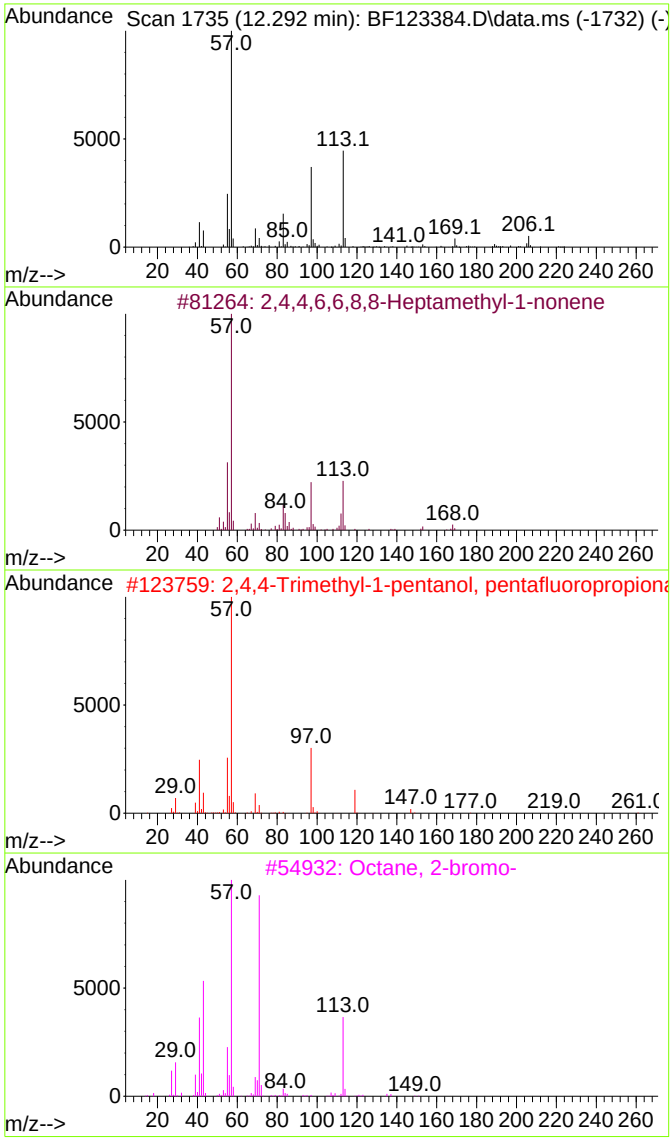
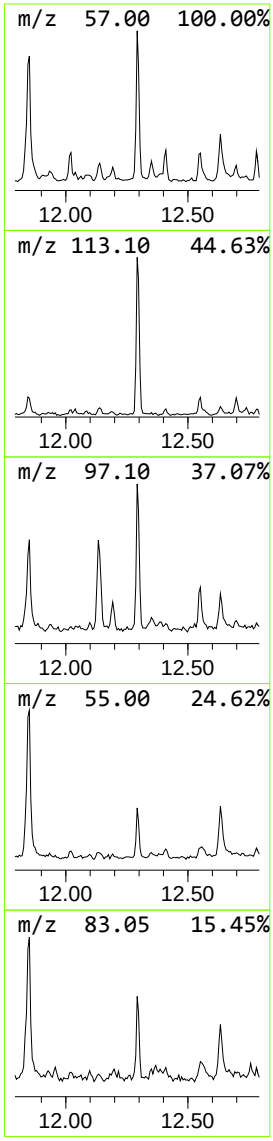
Peak Number 5 unknown12.29 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	2.87 ng	225930	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	27
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	16
5	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
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Operator : JU/CG
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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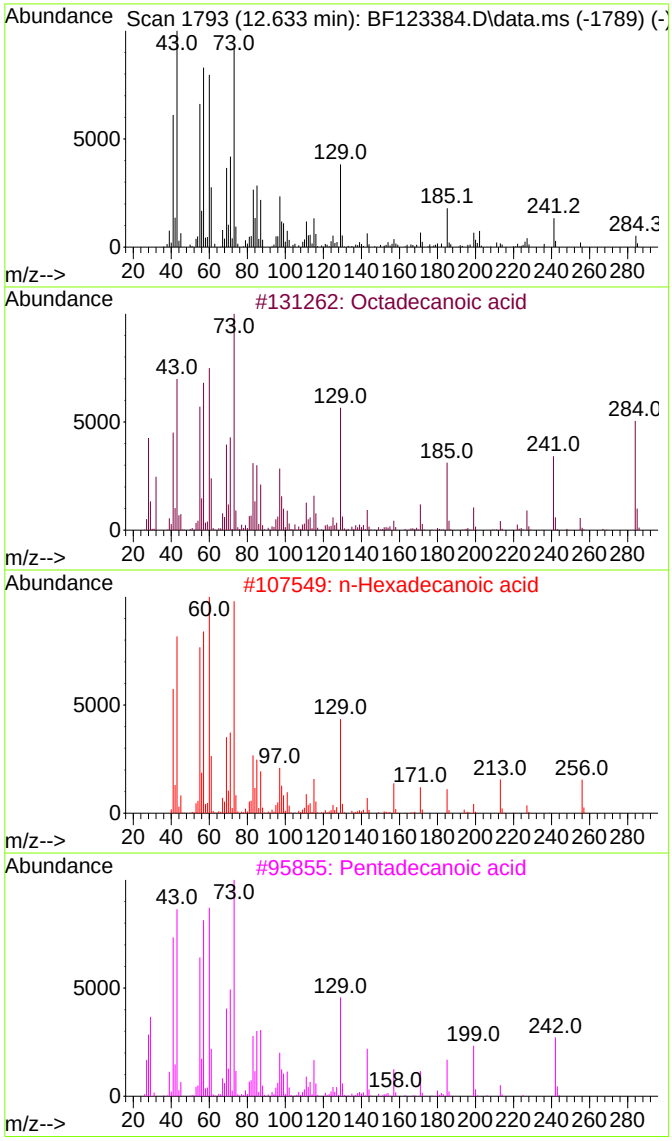
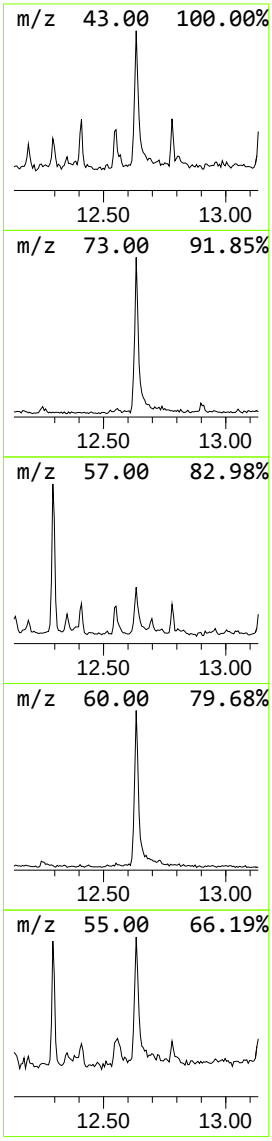
Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	5.29 ng	416240	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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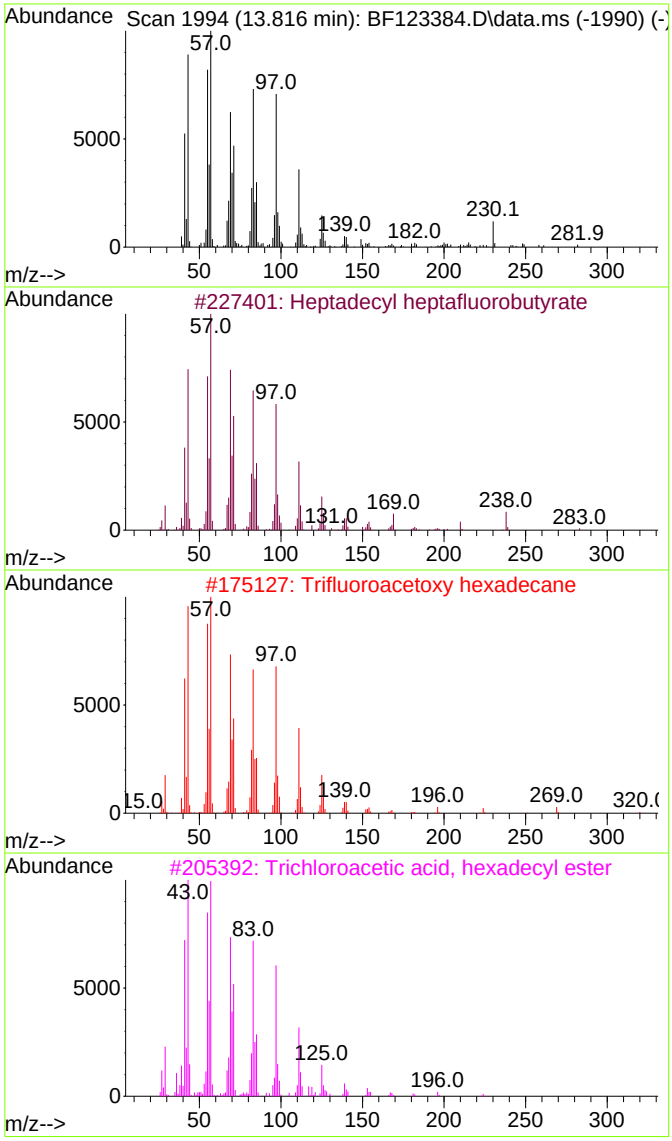
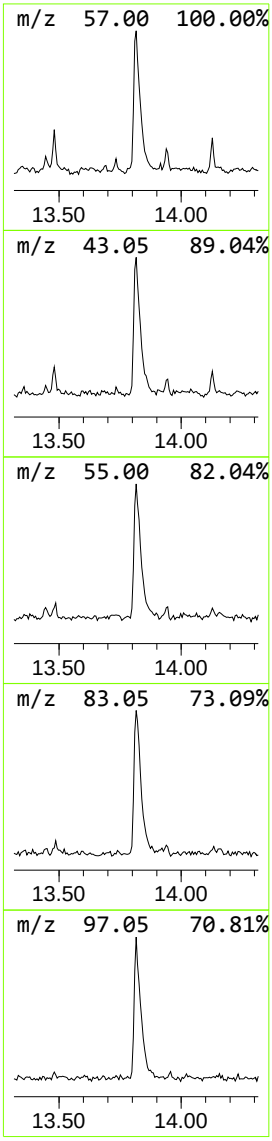
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	11.57 ng	717937	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123384.D
Acq On : 18 Mar 2021 15:38
Operator : JU/CG
Sample : M1682-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.99	4.998	2.8	ng	158035	1	6.787	1135600	20.0
unknown9.26	9.269	4.2	ng	355453	3	9.828	1701200	20.0
Dodecane, 2,6,1...	10.745	2.1	ng	164584	4	11.316	1572360	20.0
n-Hexadecanoic ...	11.851	15.7	ng	1235840	4	11.316	1572360	20.0
unknown12.29	12.292	2.9	ng	225930	4	11.316	1572360	20.0
Octadecanoic acid	12.633	5.3	ng	416240	4	11.316	1572360	20.0
Heptadecyl hept...	13.816	11.6	ng	717937	5	13.963	1241020	20.0