LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
Data File : BP003810.D
Acq On : 04 Nov 2020 17:31
Operator : CG/JU
Sample : L4607-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OW-02

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	29	37	47	rBV	411109	754942	8.79%	1.786%
2	3.193	47	52	67	rVB	1406243	1624767	18.93%	3.844%
3	5.811	491	497	505	rBV	1383759	2054410	23.93%	4.861%
4	7.452	769	776	791	rVB	800504	1359902	15.84%	3.218%
5	8.293	910	919	926	rBV	596176	960338	11.19%	2.272%
6	9.457	1105	1117	1124	rBV	2088298	3390910	39.50%	8.023%
7	11.122	1390	1400	1406	rBV	797218	1355163	15.79%	3.206%
8	12.975	1703	1715	1726	rBV	98847	208295	2.43%	0.493%
9	13.534	1803	1810	1817	rBV	4849350	6882432	80.17%	16.284%
10	13.798	1850	1855	1860	rBV	94557	132811	1.55%	0.314%
11	14.075	1895	1902	1903	rBV	57236	89032	1.04%	0.211%
12	14.234	1923	1929	1934	rBV	104269	170325	1.98%	0.403%
13	14.334	1941	1946	1952	rVB	171778	235646	2.75%	0.558%
14	14.463	1963	1968	1972	rBV	59560	95649	1.11%	0.226%
15	14.904	2037	2043	2050	rBV	1082872	1677524	19.54%	3.969%
16	15.298	2103	2110	2116	rVB3	65490	110332	1.29%	0.261%
17	15.516	2142	2147	2152	rBV	60319	106555	1.24%	0.252%
18	16.381	2287	2294	2303	rBV	3483186	5015165	58.42%	11.866%
19	17.628	2500	2506	2511	rBV	1295179	1866568	21.74%	4.416%
20	18.469	2644	2649	2654	rBV2	277236	414295	4.83%	0.980%
21	19.669	2849	2853	2868	rBV	130722	253568	2.95%	0.600%
22	20.122	2924	2930	2936	rBV	7045150	8584351	100.00%	20.311%
23	21.310	3128	3132	3141	rBV	601973	878139	10.23%	2.078%
24	21.645	3184	3189	3196	rBV	1485506	1944128	22.65%	4.600%
25	22.716	3367	3371	3377	rVB2	60273	85970	1.00%	0.203%
26	23.268	3462	3465	3471	rVB2	62266	89009	1.04%	0.211%
27	24.110	3601	3608	3618	rVB	945992	1923947	22.41%	4.552%

Sum of corrected areas: 42264173

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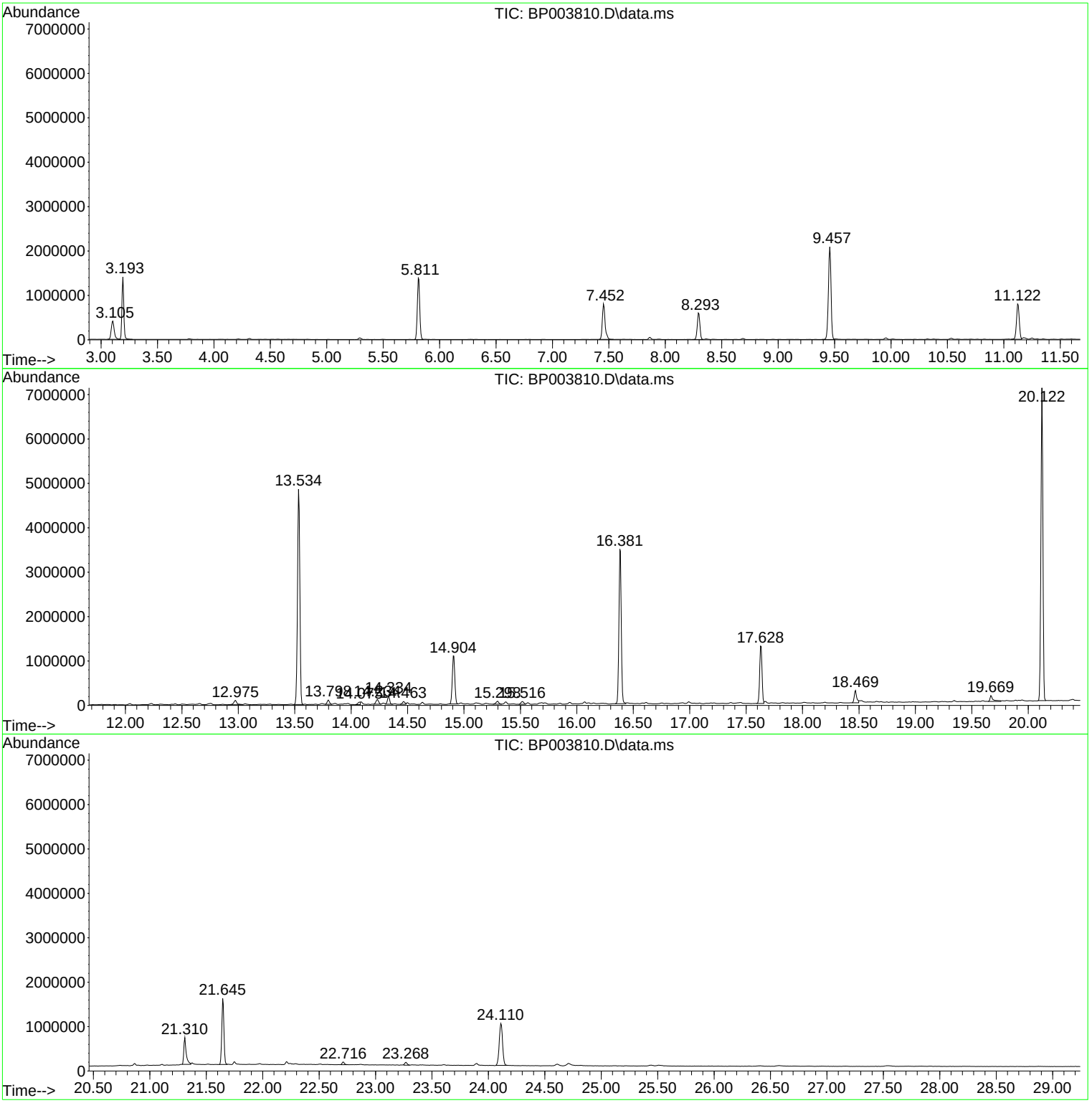
Instrument :
BNA_P
ClientSampleId :
OW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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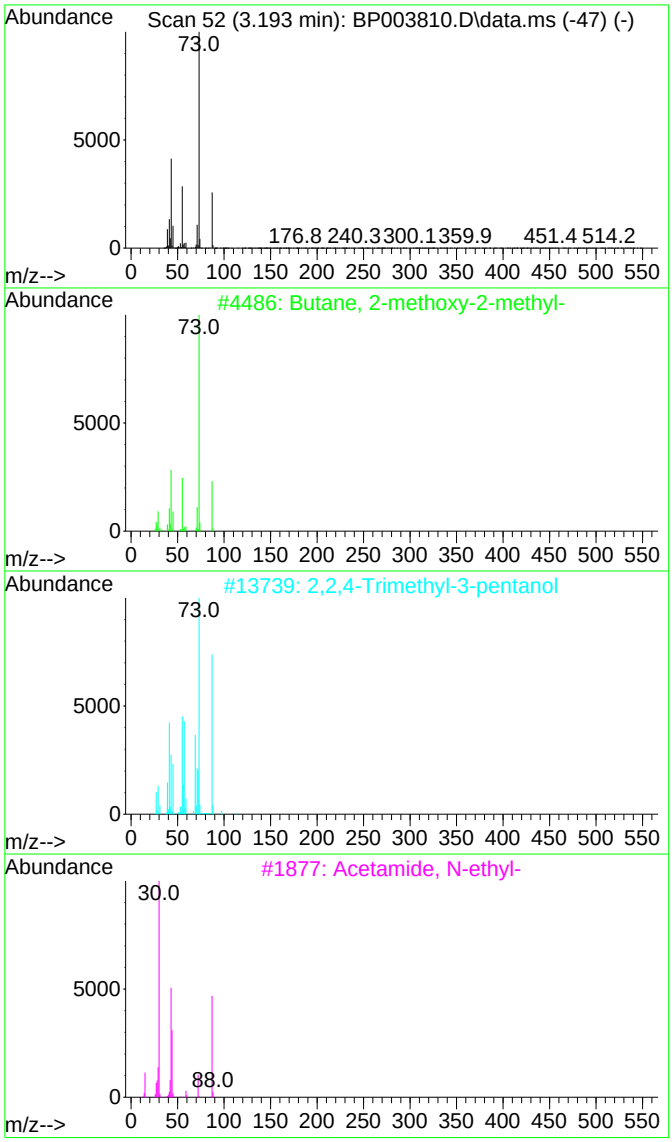
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

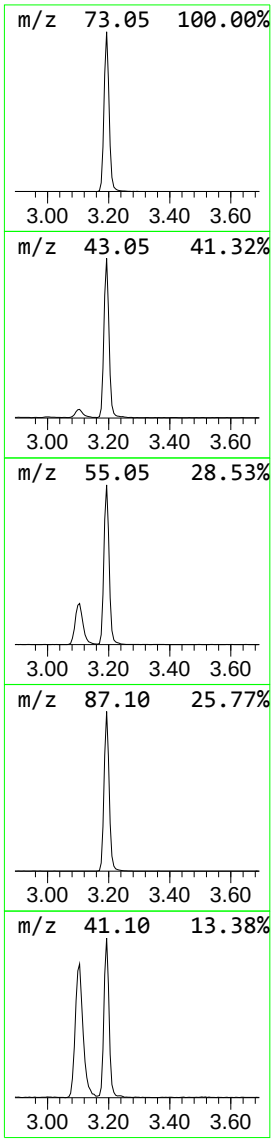
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.193	33.84 ng	1624770	1,4-Dichlorobenzene-d4	8.293

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Sample : L4607-03
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Instrument : BNA_P
ClientSampleId : OW-02

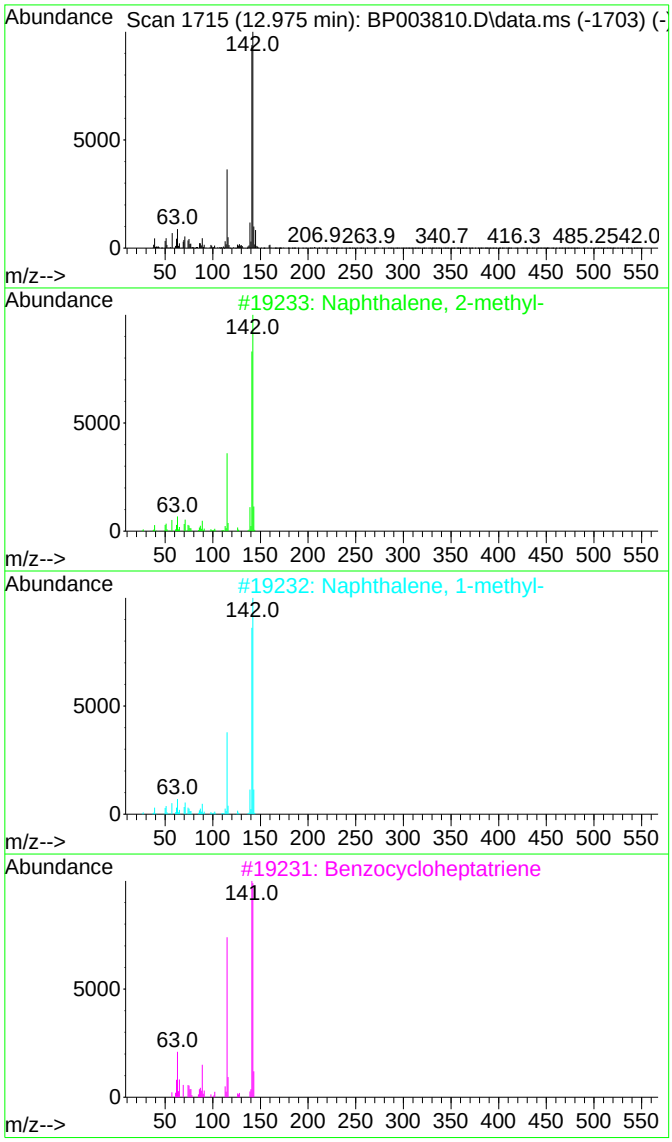
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

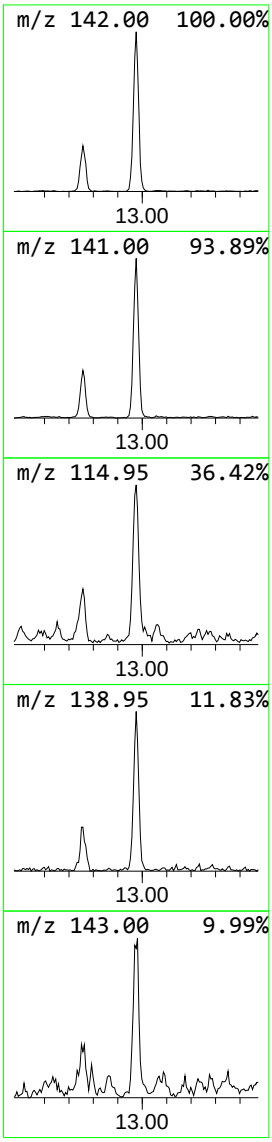
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.975	3.07 ng	208295	Naphthalene-d8	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





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Sample : L4607-03
Misc :
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Instrument : BNA_P
ClientSampleId : OW-02

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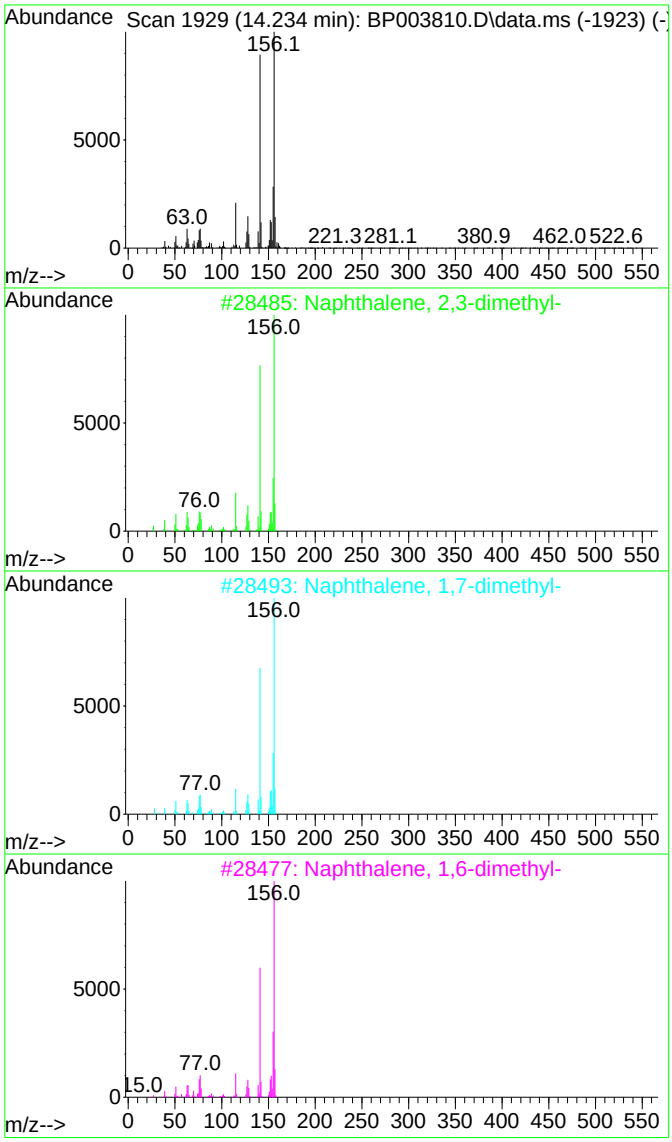
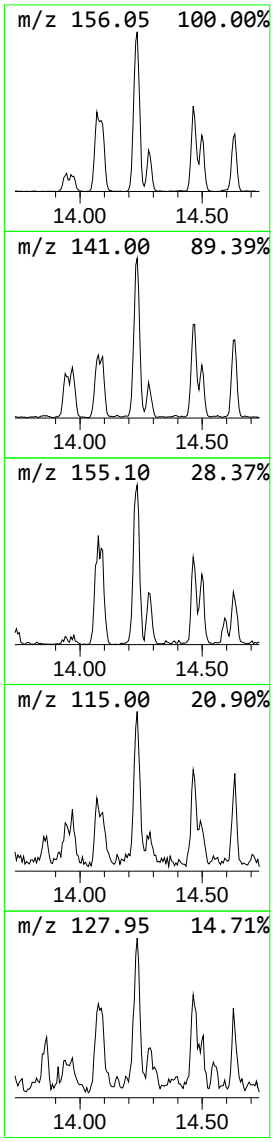
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.234	2.03 ng	170325	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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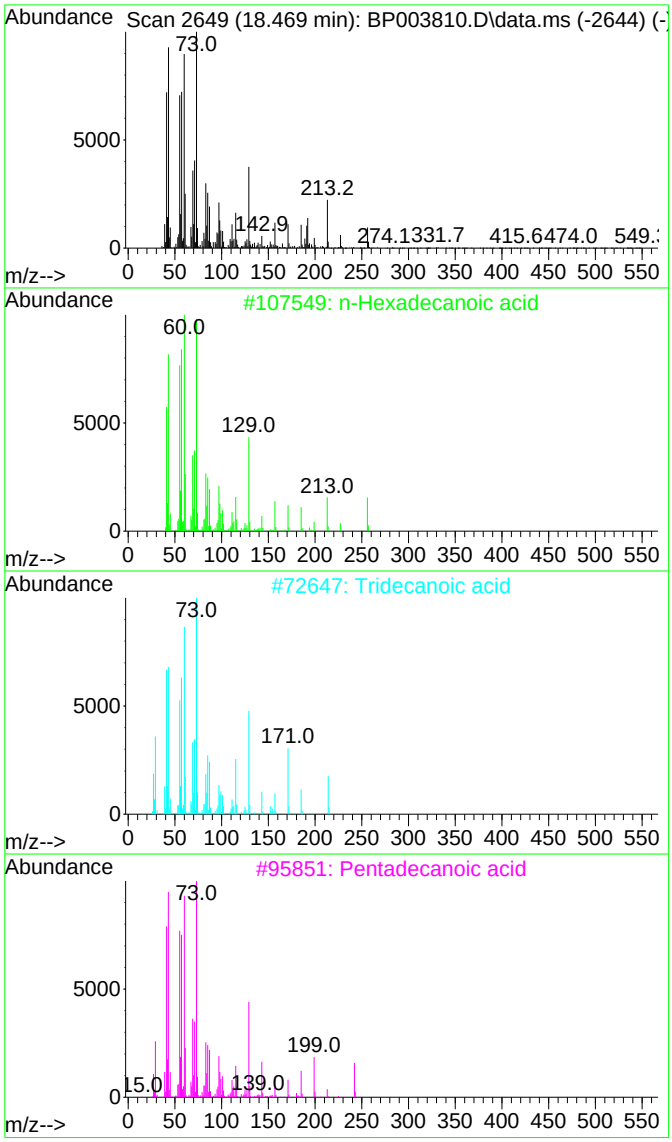
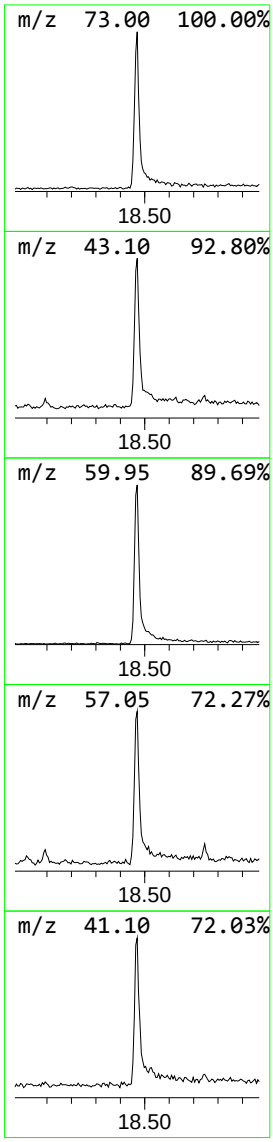
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	4.44 ng	414295	Phenanthrene-d10	17.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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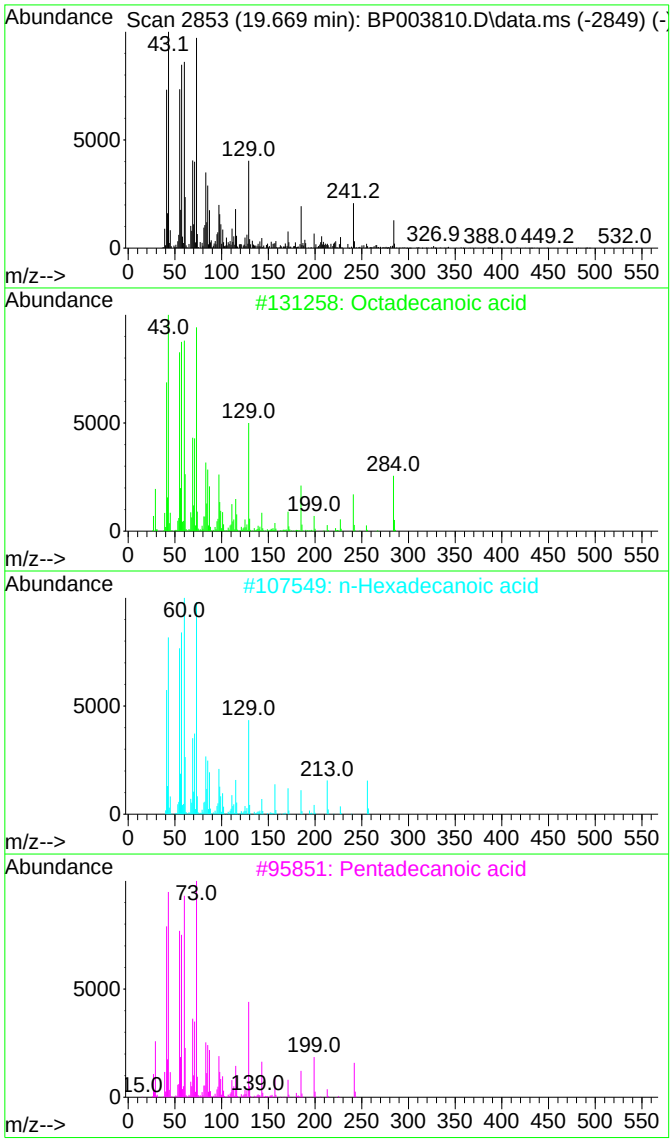
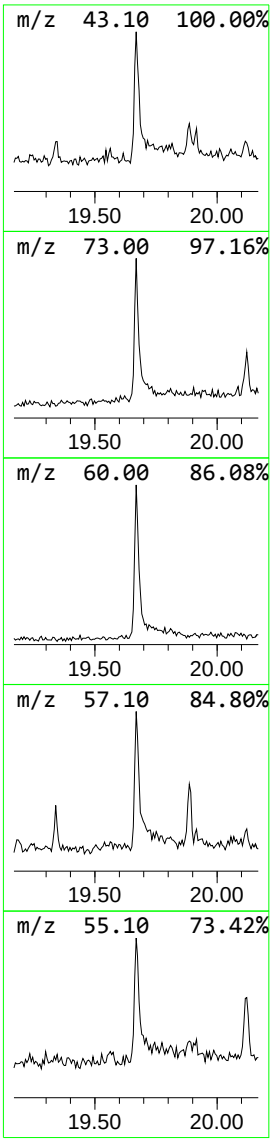
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.669	2.61 ng	253568	Chrysene-d12	21.645

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Misc :
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Instrument : BNA_P
ClientSampleId : OW-02

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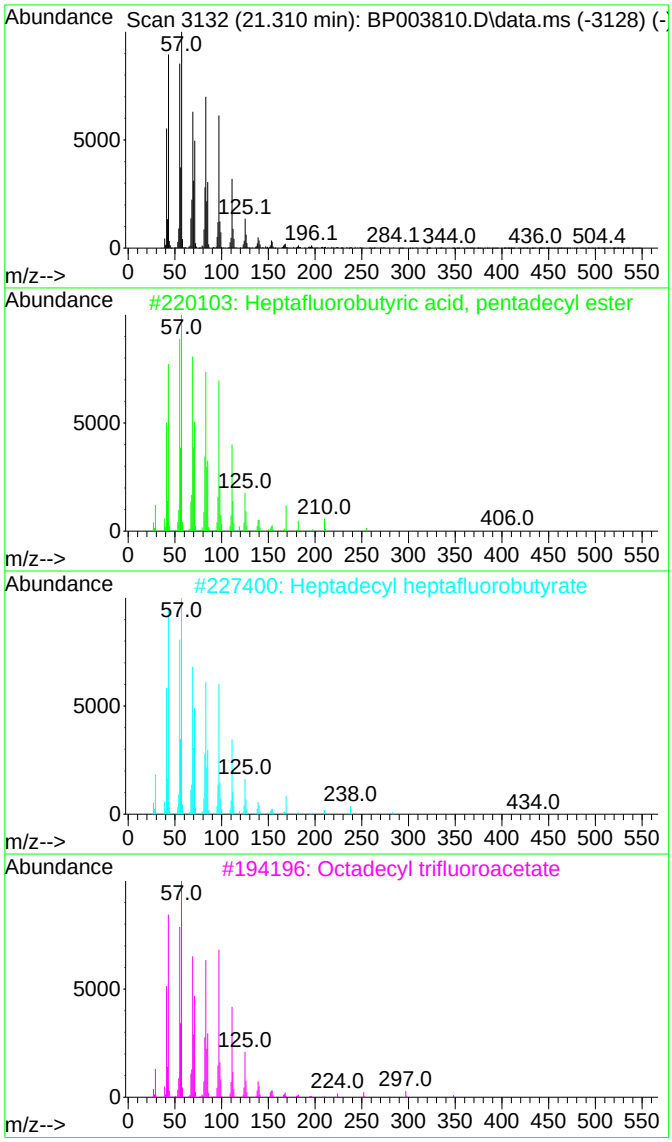
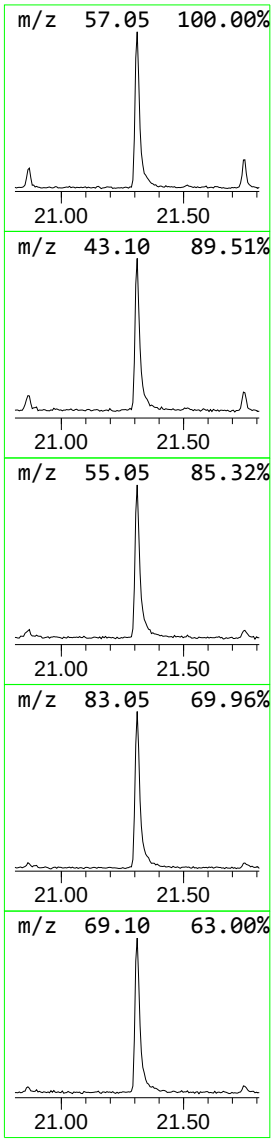
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	9.03 ng	878139	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.193	33.8	ng	1624770	1	8.293	960338	20.0
Naphthalene, 1-...	12.975	3.1	ng	208295	2	11.122	1355160	20.0
Naphthalene, 2,...	14.234	2.0	ng	170325	3	14.910	1677520	20.0
n-Hexadecanoic ...	18.469	4.4	ng	414295	4	17.628	1866570	20.0
Octadecanoic acid	19.669	2.6	ng	253568	5	21.645	1944130	20.0
Heptafluorobuty...	21.310	9.0	ng	878139	5	21.645	1944130	20.0