LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122385.D
Acq On : 19 Nov 2020 17:35
Operator : JU/CG
Sample : L4806-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-03-018-ABCD

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	15	rVB	721469	920327	9.91%	1.635%
2	2.487	53	68	77	rVB	208462	569702	6.14%	1.012%
3	5.087	507	510	518	rVB	103875	143836	1.55%	0.256%
4	5.481	571	577	580	rBV	5975131	6349293	68.39%	11.279%
5	6.486	742	748	763	rBV	5571178	6942344	74.78%	12.333%
6	6.863	809	812	816	rBV	1849068	1401704	15.10%	2.490%
7	7.428	902	908	911	rBV	4337822	4245576	45.73%	7.542%
8	8.145	1026	1030	1034	rBV	2006744	1857989	20.01%	3.301%
9	9.227	1209	1214	1217	rBV	8136903	7639165	82.29%	13.571%
10	9.616	1276	1280	1284	rBV	301094	269775	2.91%	0.479%
11	9.904	1325	1329	1341	rVB	2634506	2246368	24.20%	3.991%
12	10.692	1458	1463	1466	rBV	5267591	4940742	53.22%	8.777%
13	11.386	1577	1581	1585	rBV	2658005	2414155	26.00%	4.289%
14	11.915	1668	1671	1684	rBV2	112808	247927	2.67%	0.440%
15	12.704	1802	1805	1818	rBV	128225	277692	2.99%	0.493%
16	12.980	1846	1852	1855	rBV	9137479	9283707	100.00%	16.492%
17	13.880	2001	2005	2025	rBV	489923	1340400	14.44%	2.381%
18	14.027	2025	2030	2033	rBV	2946497	2654674	28.59%	4.716%
19	15.498	2274	2280	2284	rBV	2050186	2546662	27.43%	4.524%

Sum of corrected areas: 56292038

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Misc :
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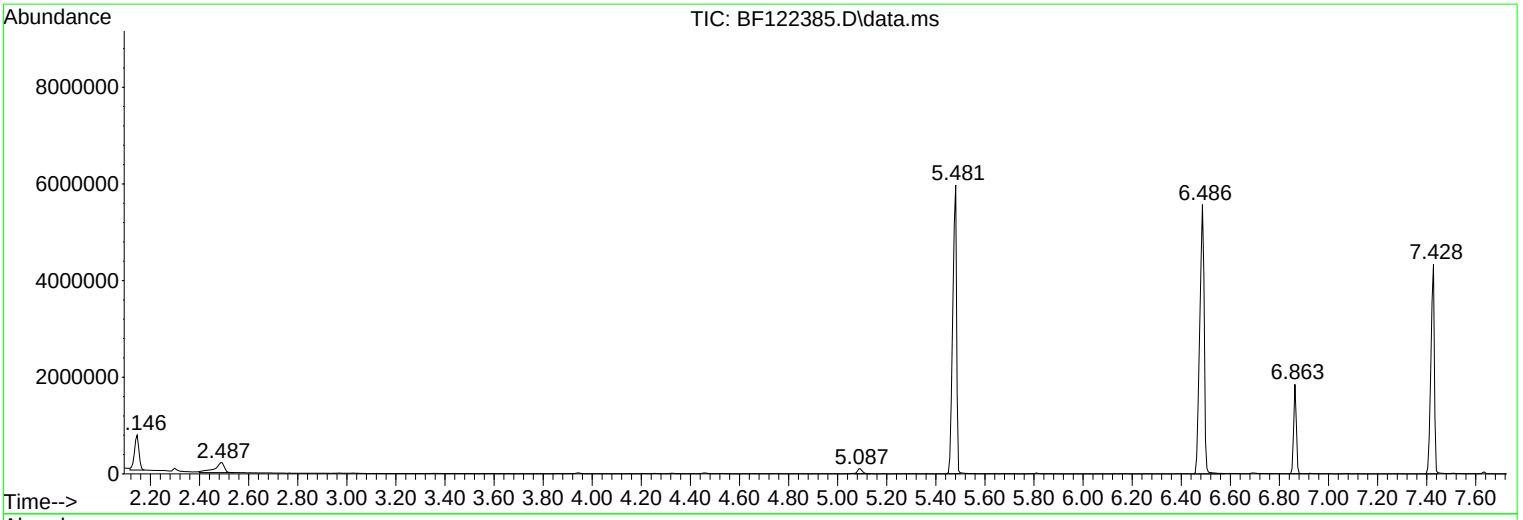
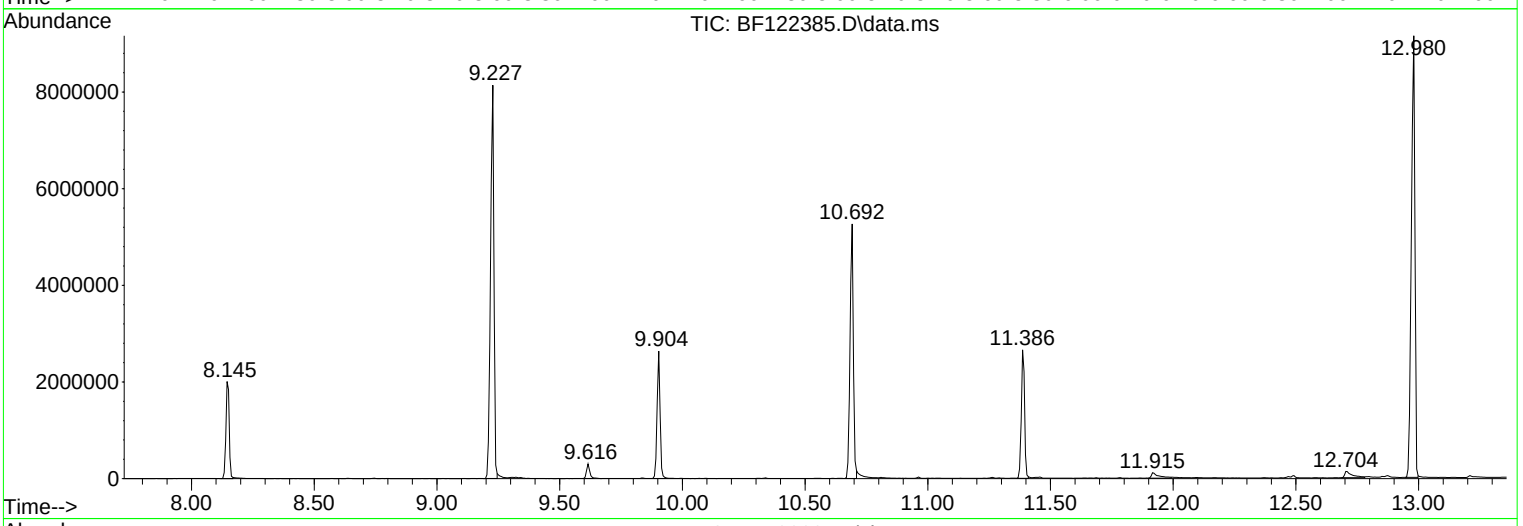
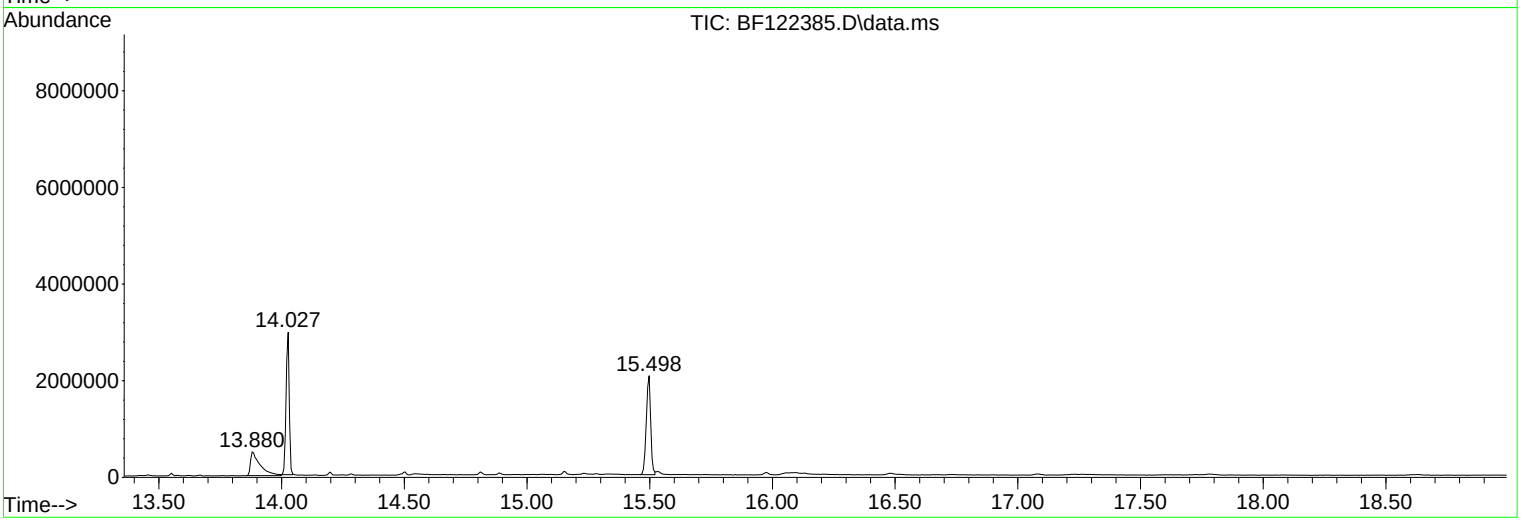
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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TIC Library : C:\DATABASE\NIST11.L
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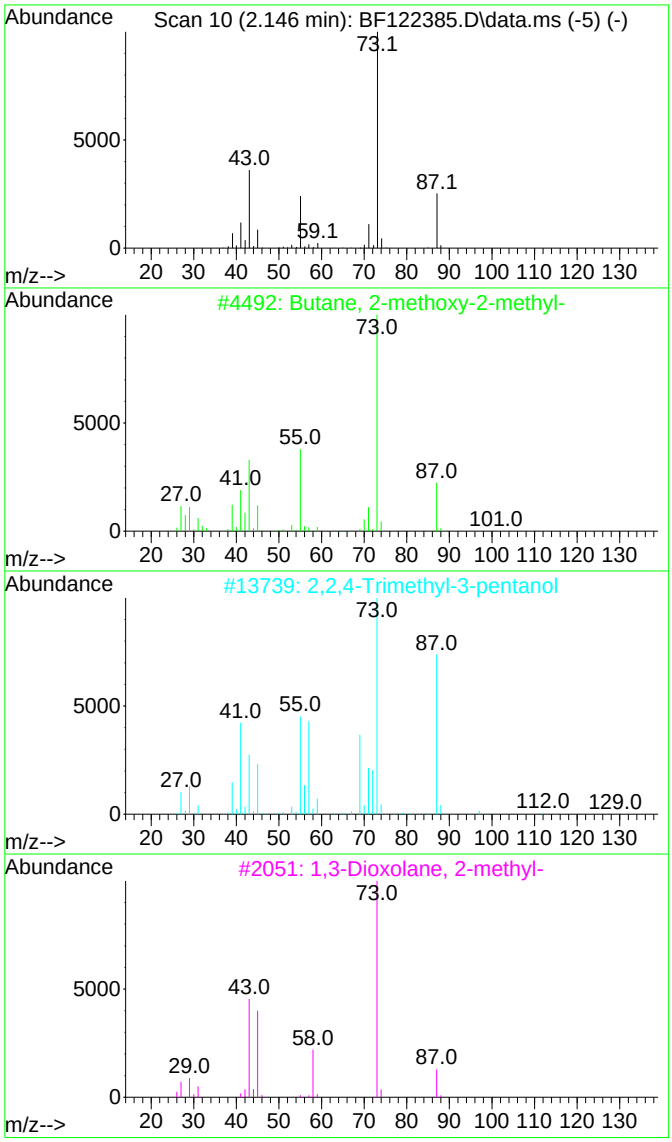
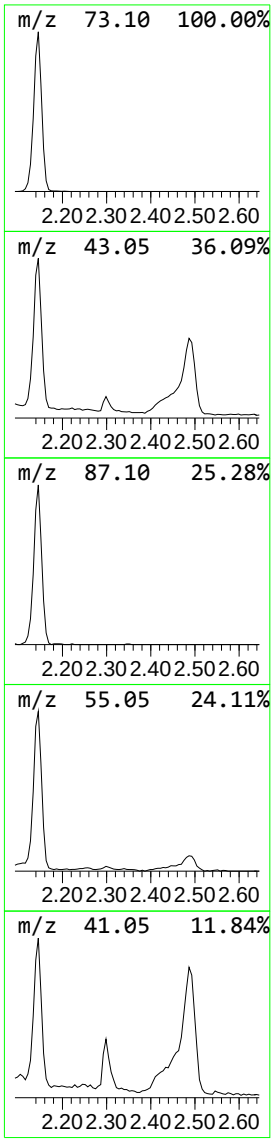
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	13.13 ng	920327	1,4-Dichlorobenzene-d4	6.863

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Sample : L4806-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-03-018-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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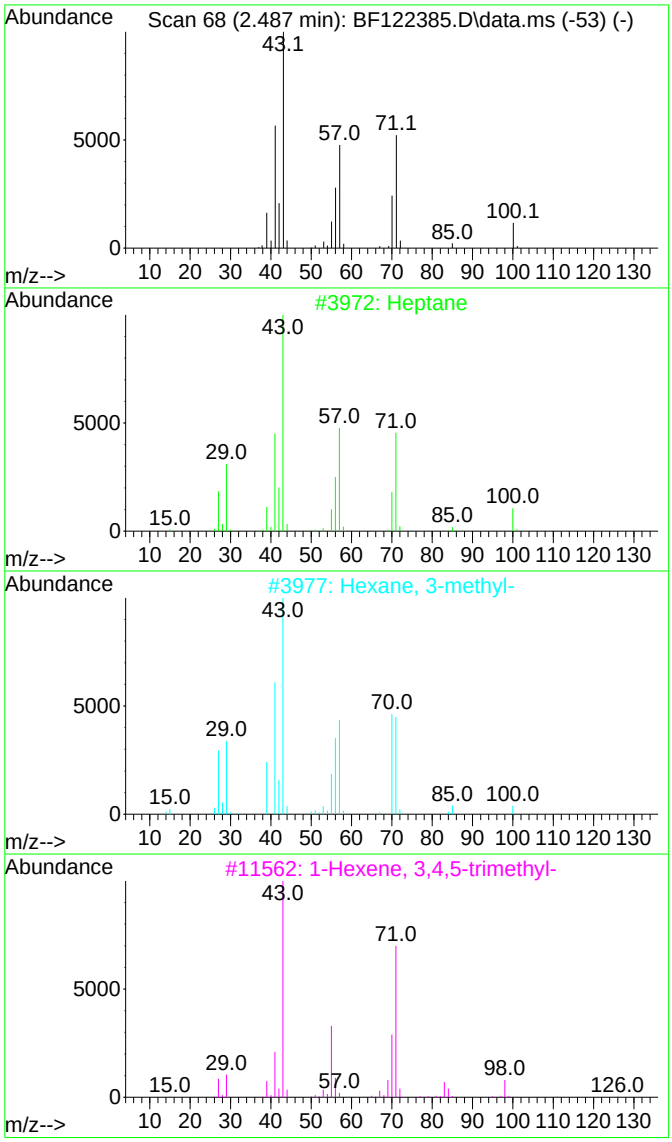
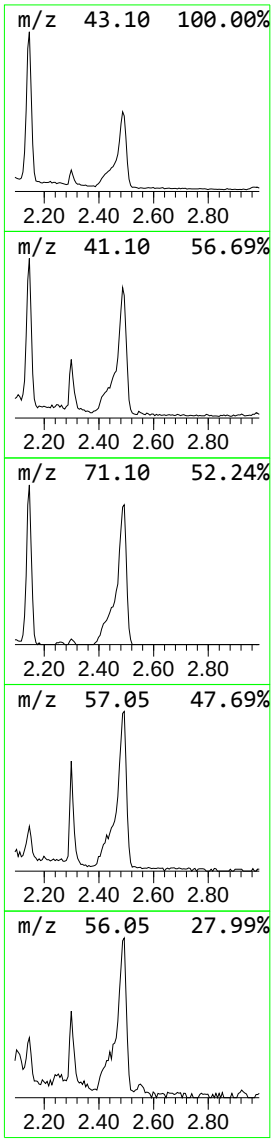
Peak Number 2 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.487	8.13 ng	569702	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
3	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	40
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	33





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Sample : L4806-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-018-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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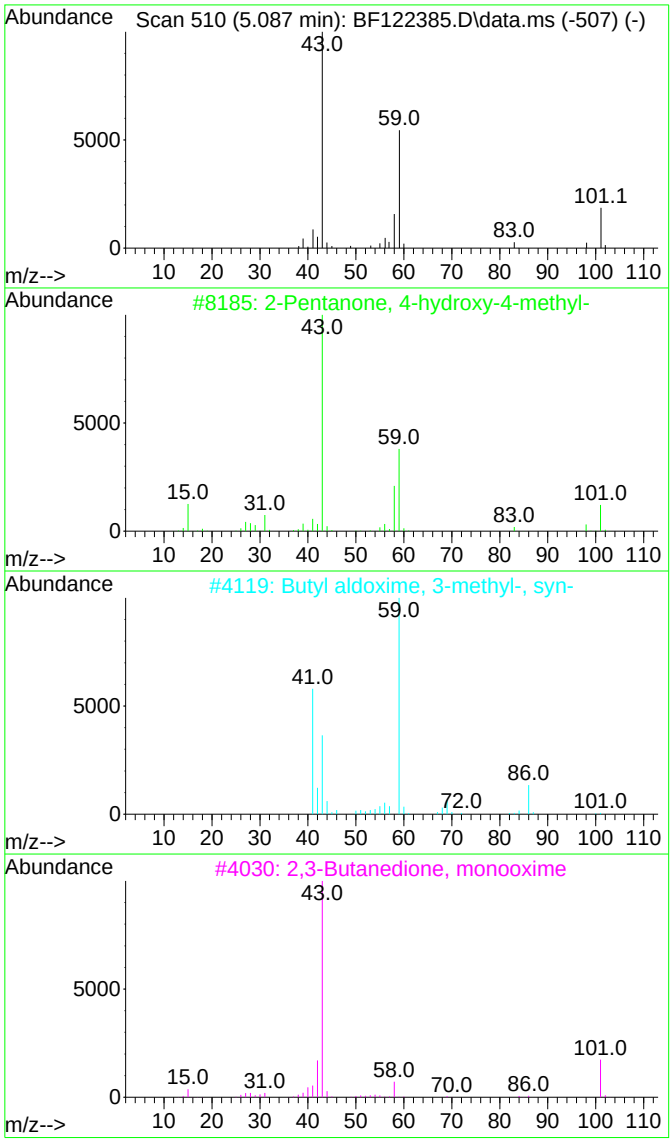
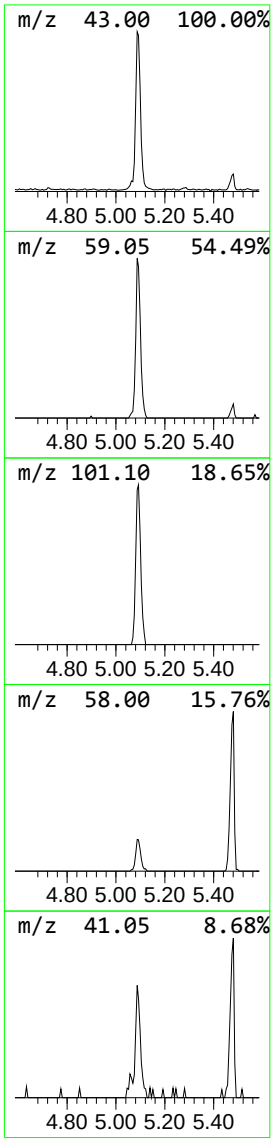
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.05 ng	143836	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Acetone	58	C3H6O	000067-64-1	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : FK-BPM-03-018-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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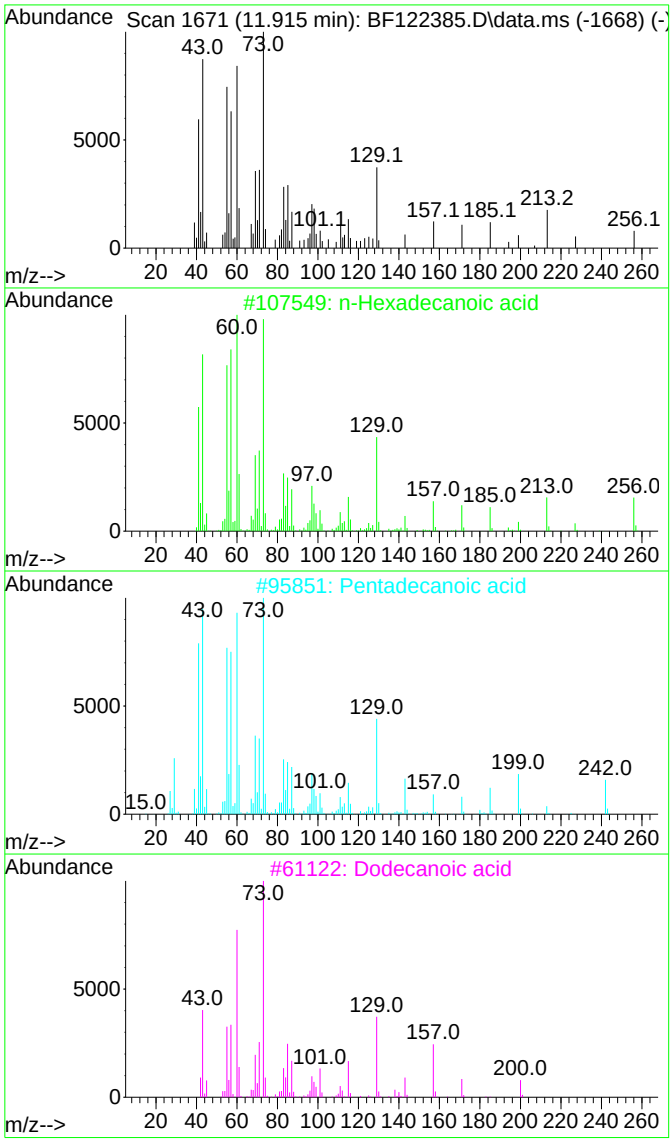
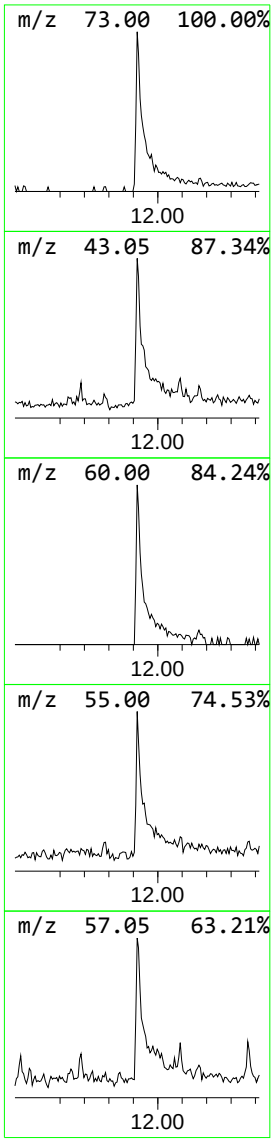
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.05 ng	247927	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47





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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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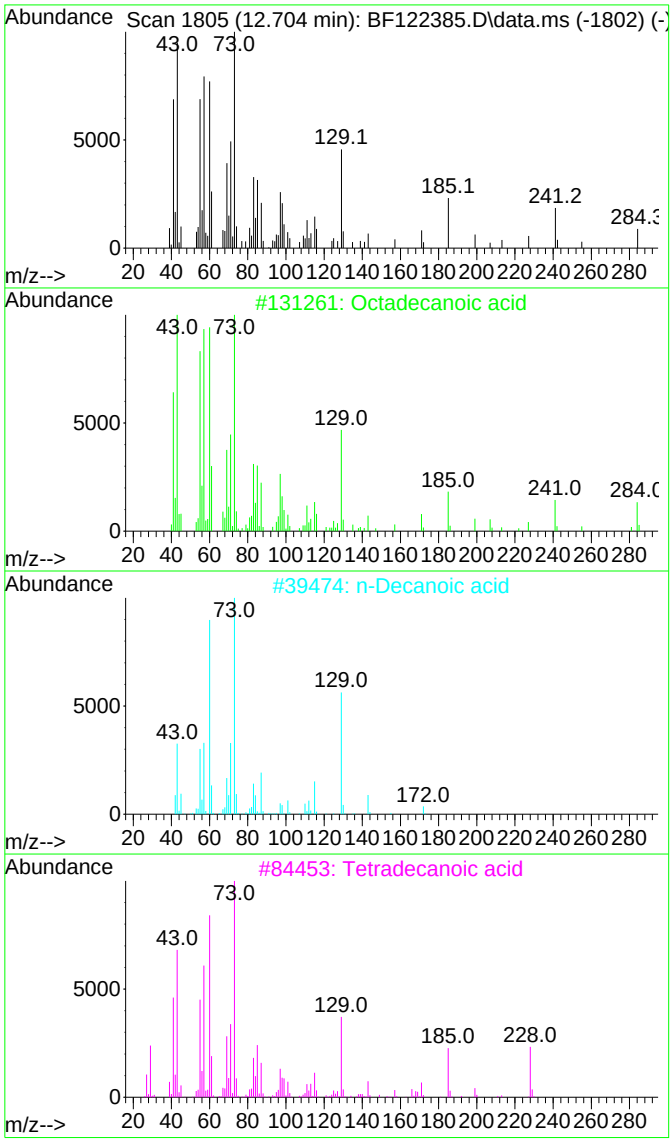
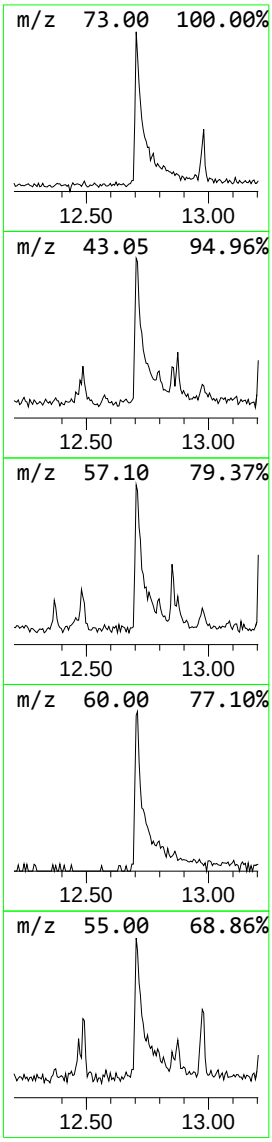
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	2.30 ng	277692	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	20
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	15





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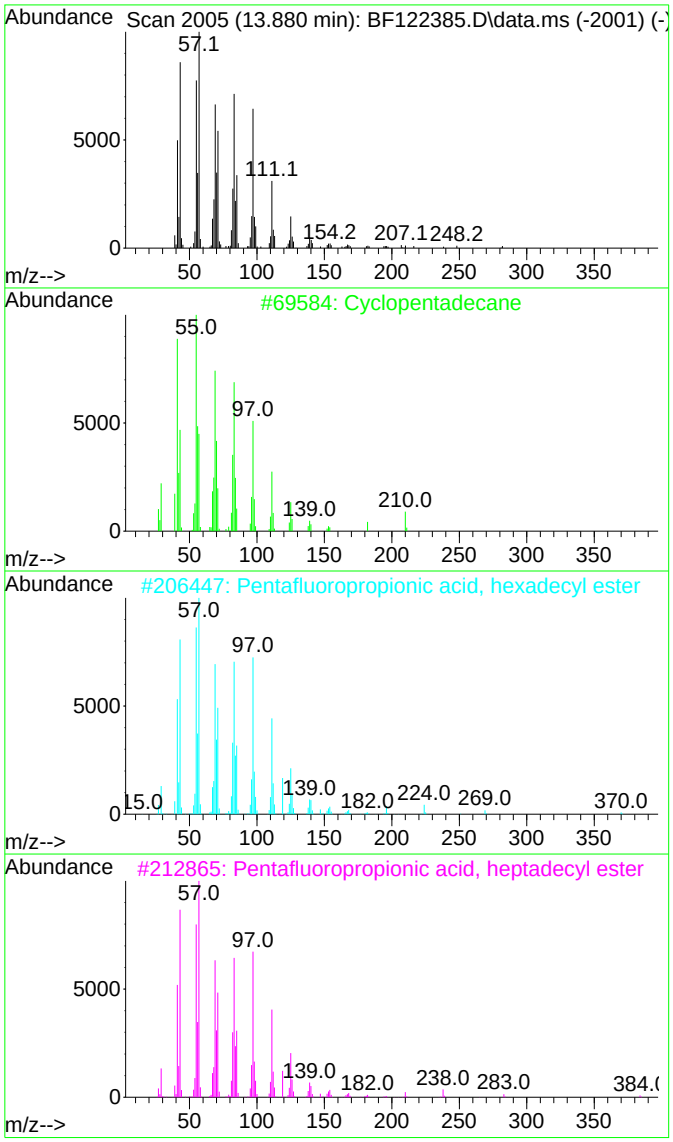
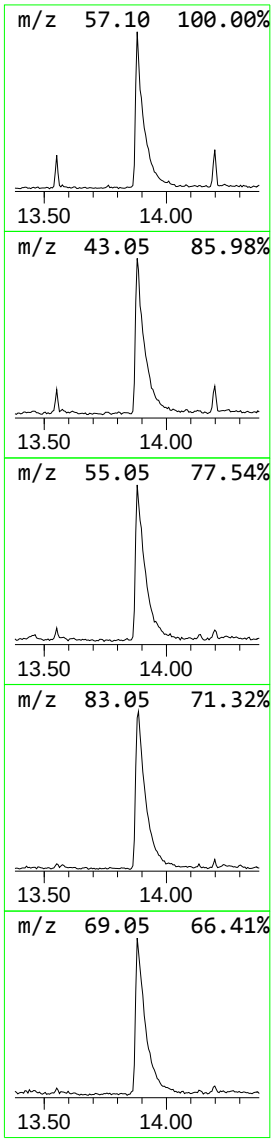
Peak Number 6 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	10.10 ng	1340400	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	13.1	ng	920327	1	6.863	1401700	20.0
Heptane	2.487	8.1	ng	569702	1	6.863	1401700	20.0
2-Pentanone, 4-...	5.087	2.0	ng	143836	1	6.863	1401700	20.0
n-Hexadecanoic ...	11.916	2.0	ng	247927	4	11.386	2414160	20.0
Octadecanoic acid	12.704	2.3	ng	277692	4	11.386	2414160	20.0
Cyclopentadecane	13.880	10.1	ng	1340400	5	14.027	2654670	20.0