LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122418.D
Acq On : 20 Nov 2020 22:57
Operator : JU/CG
Sample : L4829-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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: BF122418.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	17	rVB	1698246	1788090	23.83%	4.175%
2	5.481	572	577	580	rBV	2582074	2369536	31.58%	5.532%
3	6.487	744	748	761	rBV2	1685648	1675495	22.33%	3.912%
4	6.863	808	812	815	rBV	1532666	1190389	15.87%	2.779%
5	7.428	902	908	911	rBV	3929792	3816593	50.87%	8.910%
6	8.151	1027	1031	1034	rBV	1675942	1570652	20.94%	3.667%
7	9.228	1209	1214	1217	rBV	7327886	6927129	92.33%	16.173%
8	9.622	1277	1281	1284	rBV	225808	200182	2.67%	0.467%
9	9.904	1325	1329	1333	rBV	2021810	1886097	25.14%	4.403%
10	10.698	1459	1464	1467	rBV	5181525	4818506	64.23%	11.250%
11	11.392	1578	1582	1586	rBV	2263332	2026332	27.01%	4.731%
12	11.927	1669	1673	1687	rBV2	311707	449136	5.99%	1.049%
13	12.716	1804	1807	1817	rBV	152652	230055	3.07%	0.537%
14	12.992	1848	1854	1857	rBV	6986382	7502327	100.00%	17.515%
15	13.892	2003	2007	2026	rBV	753497	1248586	16.64%	2.915%
16	14.039	2028	2032	2036	rBV	2542096	2233712	29.77%	5.215%
17	14.210	2058	2061	2067	rBV	86167	97321	1.30%	0.227%
18	14.515	2108	2113	2116	rBV2	95405	119621	1.59%	0.279%
19	14.827	2163	2166	2171	rVB	80150	83799	1.12%	0.196%
20	15.174	2221	2225	2229	rBV	85373	92517	1.23%	0.216%
21	15.521	2278	2284	2288	rBV	1844268	2250144	29.99%	5.253%
22	15.562	2288	2291	2295	rVB	71031	87869	1.17%	0.205%
23	16.068	2372	2377	2384	rBV5	64864	168633	2.25%	0.394%

Sum of corrected areas: 42832721

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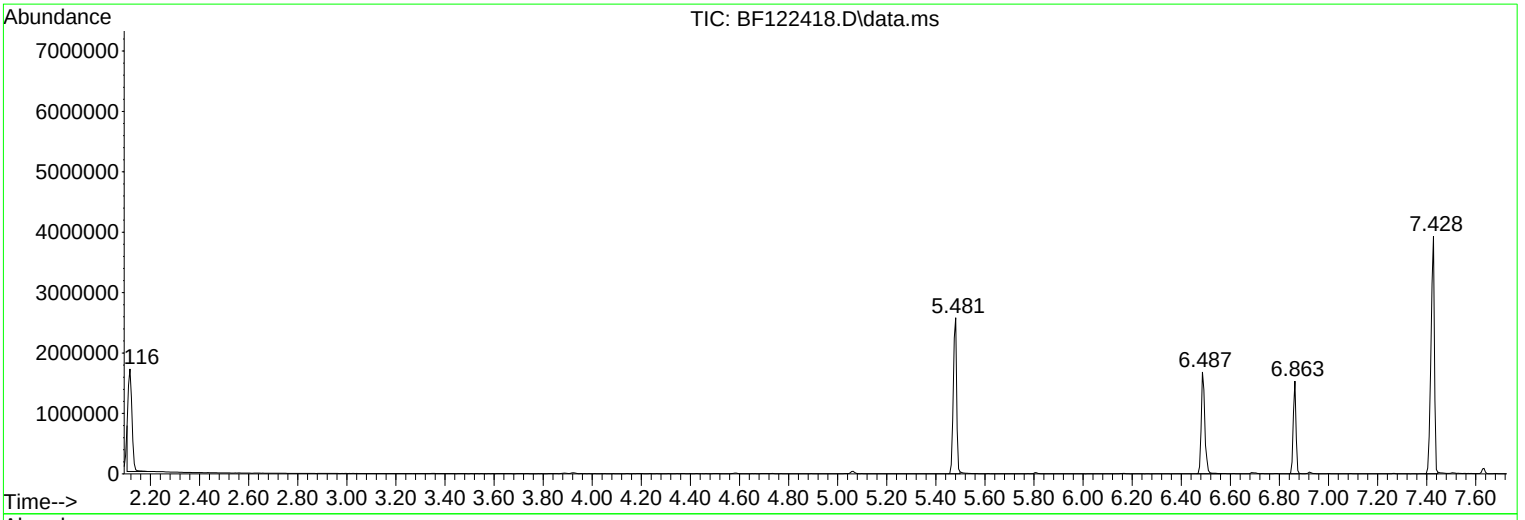
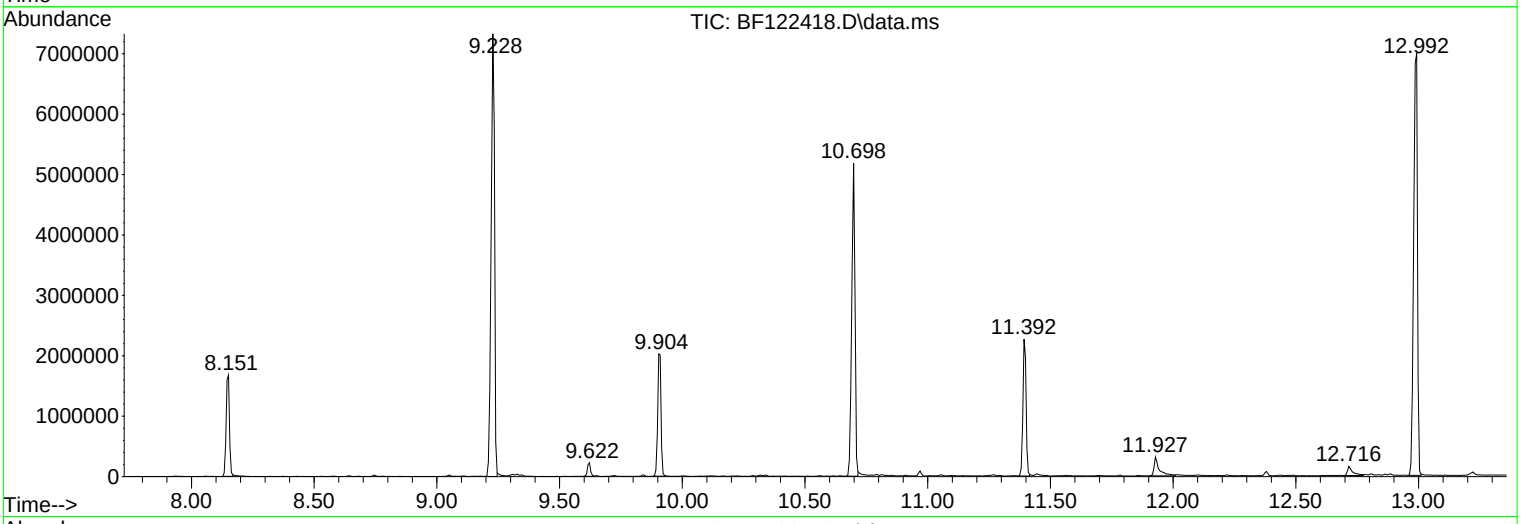
Misc :
ALS Vial : 22 Sample Multiplier: 1

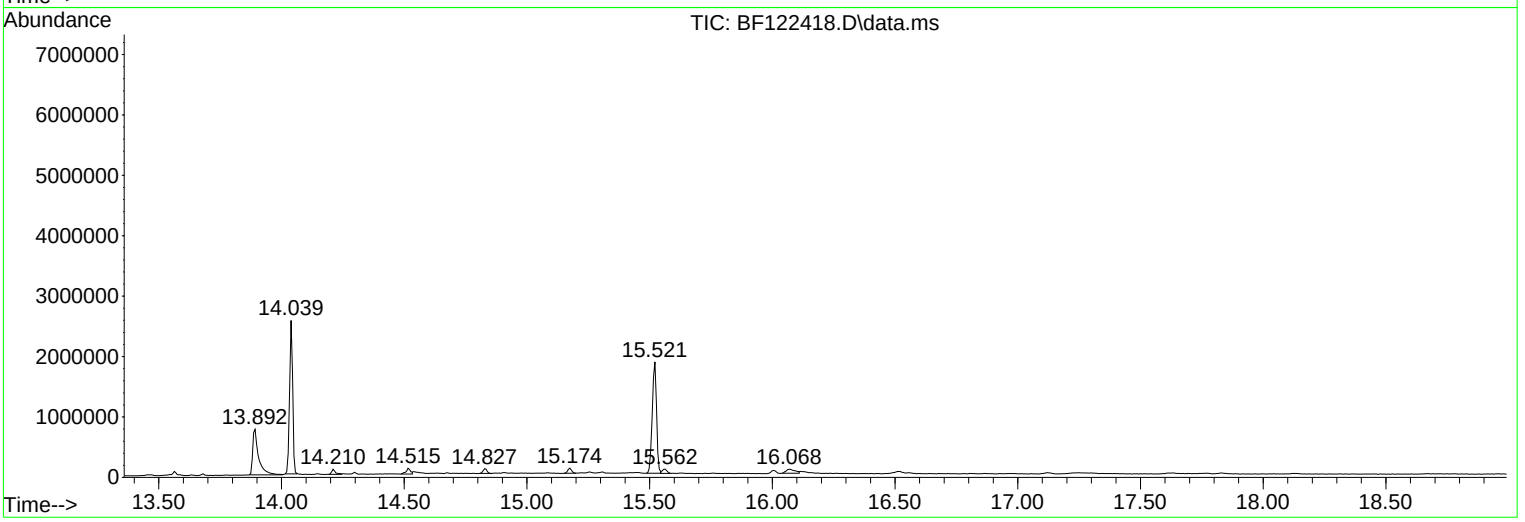
Instrument :
BNA_F
ClientSampleId :
MW-7

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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Data File : BF122418.D
Acq On : 20 Nov 2020 22:57
Operator : JU/CG
Sample : L4829-05
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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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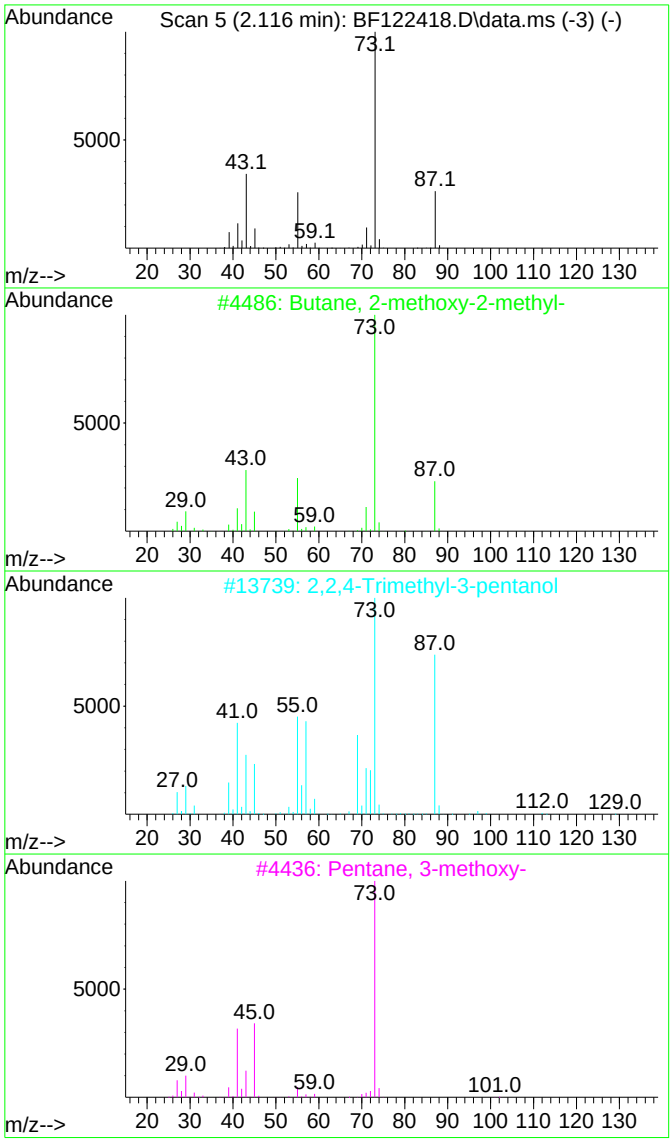
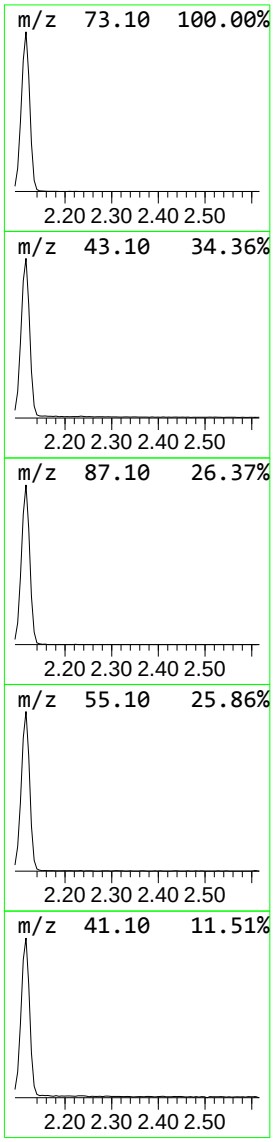
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	30.04 ng	1788090	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122418.D
Acq On : 20 Nov 2020 22:57
Operator : JU/CG
Sample : L4829-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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

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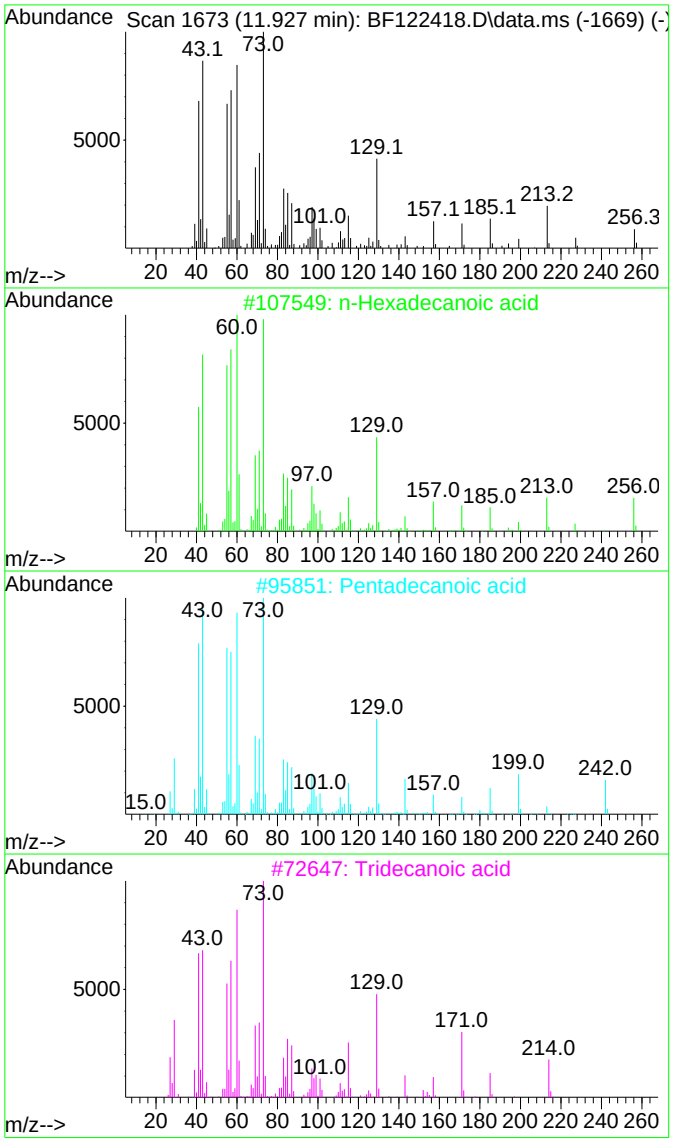
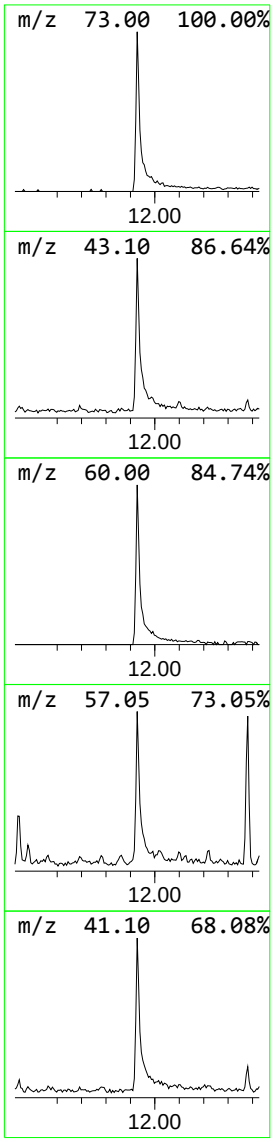
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.43 ng	449136	Phenanthrene-d10	11.392

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122418.D
Acq On : 20 Nov 2020 22:57
Operator : JU/CG
Sample : L4829-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7

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

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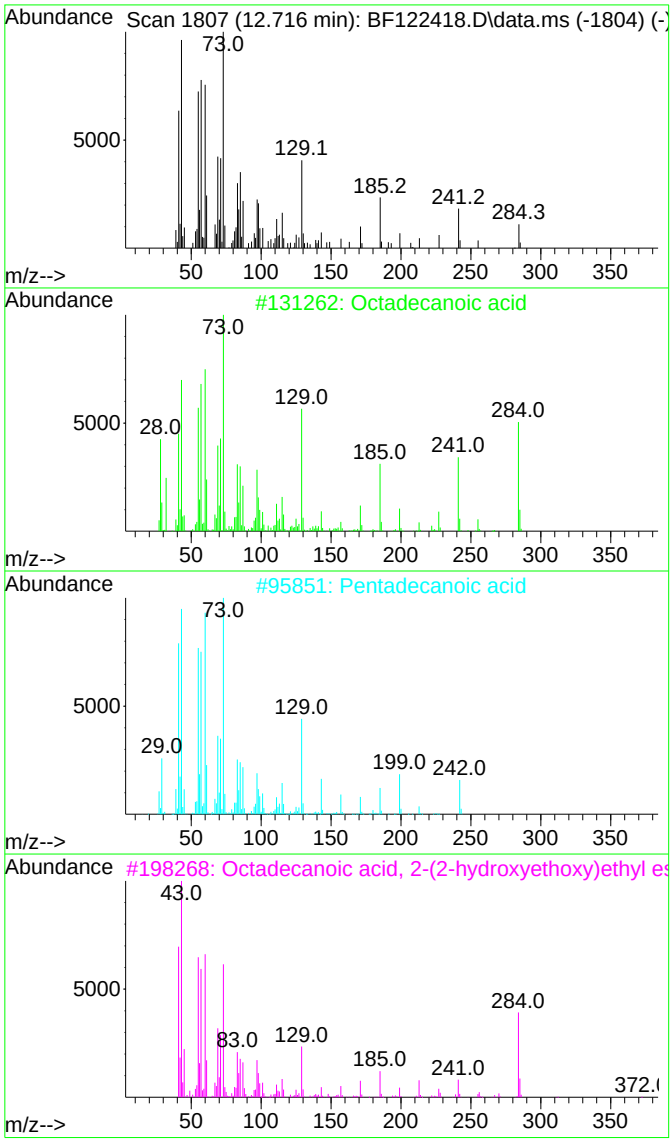
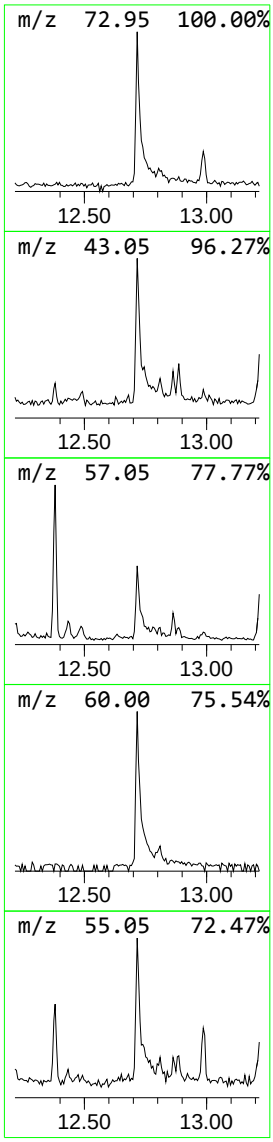
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.06 ng	230055	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122418.D
Acq On : 20 Nov 2020 22:57
Operator : JU/CG
Sample : L4829-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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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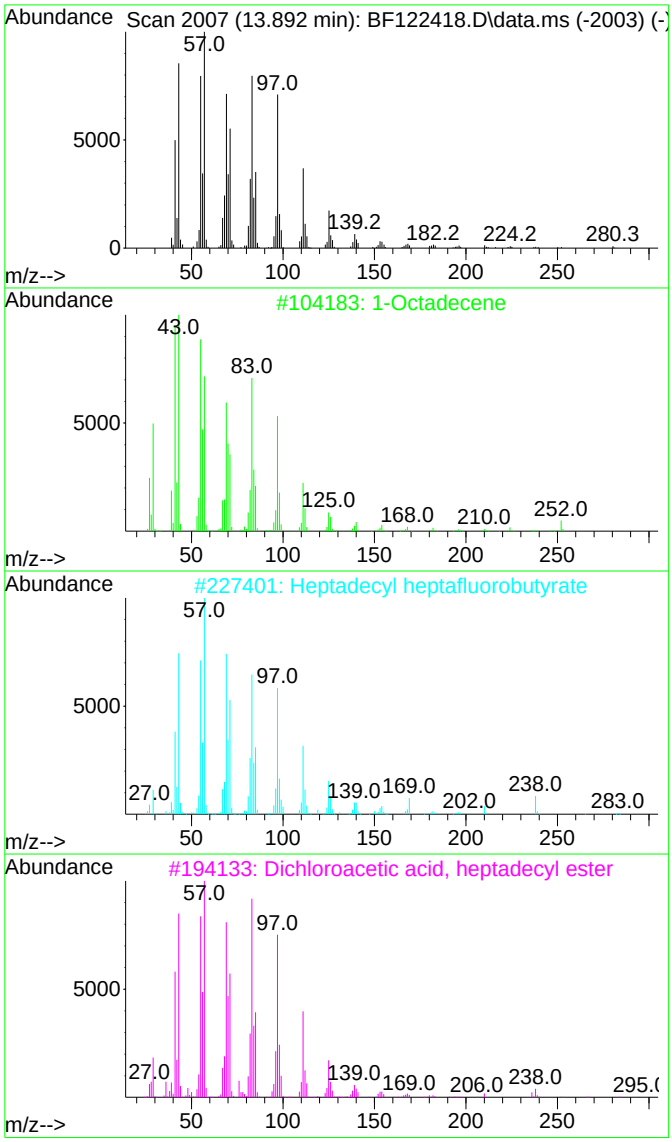
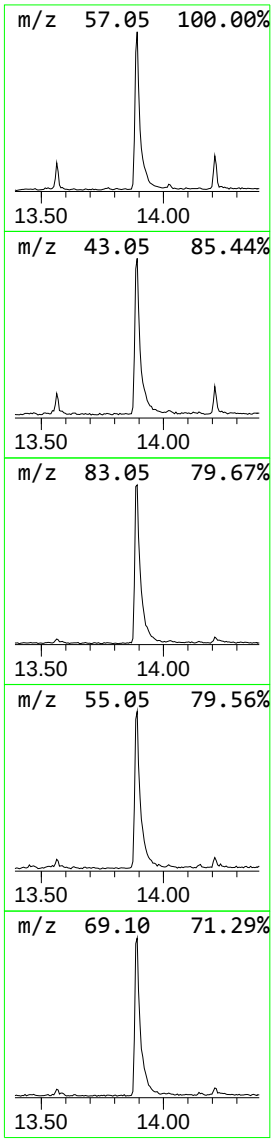
Peak Number 4 1-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	11.18 ng	1248590	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
Data File : BF122418.D
Acq On : 20 Nov 2020 22:57
Operator : JU/CG
Sample : L4829-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.116	30.0	ng	1788090	1	6.863	1190390	20.0
n-Hexadecanoic ...	11.927	4.4	ng	449136	4	11.392	2026330	20.0
Octadecanoic acid	12.716	2.1	ng	230055	5	14.039	2233710	20.0
1-Octadecene	13.892	11.2	ng	1248590	5	14.039	2233710	20.0