LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122774.D
Acq On : 17 Dec 2020 20:10
Operator : JU/CG
Sample : L5036-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WP-1

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	17	rVB	147137	203108	4.36%	0.728%
2	5.022	496	499	507	rBV	53909	59878	1.29%	0.215%
3	5.434	565	569	590	rBV	1274079	1199573	25.75%	4.297%
4	6.440	737	740	759	rBV2	811507	900303	19.33%	3.225%
5	6.816	800	804	812	rBV	1264872	1035112	22.22%	3.708%
6	7.381	894	900	903	rBV	2120915	2122671	45.57%	7.604%
7	7.581	930	934	938	rVB	116748	99708	2.14%	0.357%
8	8.098	1017	1022	1026	rBV	1372914	1365743	29.32%	4.893%
9	8.498	1085	1090	1102	rVB	277738	321896	6.91%	1.153%
10	9.181	1200	1206	1209	rBV	3790276	3967812	85.18%	14.214%
11	9.569	1268	1272	1276	rBV	232368	191418	4.11%	0.686%
12	9.857	1314	1321	1324	rBV	1774118	1637142	35.15%	5.865%
13	10.645	1450	1455	1468	rBV	2472167	2492937	53.52%	8.931%
14	11.339	1568	1573	1577	rBV	1782324	1693977	36.37%	6.069%
15	11.875	1660	1664	1686	rBV2	625164	729099	15.65%	2.612%
16	12.657	1794	1797	1806	rBV	96742	125928	2.70%	0.451%
17	12.933	1838	1844	1847	rBV	4379844	4658085	100.00%	16.687%
18	13.869	1998	2003	2017	rBV3	274296	1164086	24.99%	4.170%
19	13.980	2018	2022	2033	rVB	1803665	1730846	37.16%	6.201%
20	14.563	2115	2121	2126	rBV9	20981	62159	1.33%	0.223%
21	14.827	2162	2166	2170	rVB	480309	435715	9.35%	1.561%
22	15.086	2206	2210	2216	rBV	54159	62379	1.34%	0.223%
23	15.439	2264	2270	2286	rBV	1133778	1489202	31.97%	5.335%
24	15.886	2342	2346	2351	rVB	42789	59167	1.27%	0.212%
25	16.380	2425	2430	2433	rBV2	31510	58012	1.25%	0.208%
26	16.415	2434	2436	2445	rVB	27729	48148	1.03%	0.172%

Sum of corrected areas: 27914104

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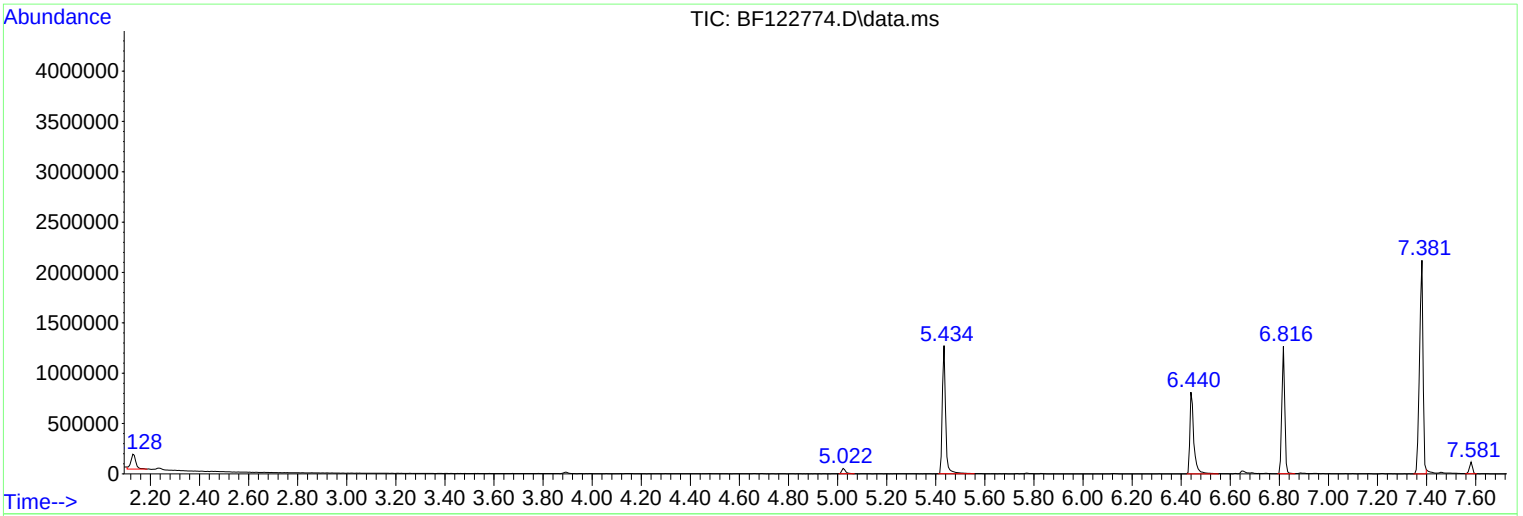
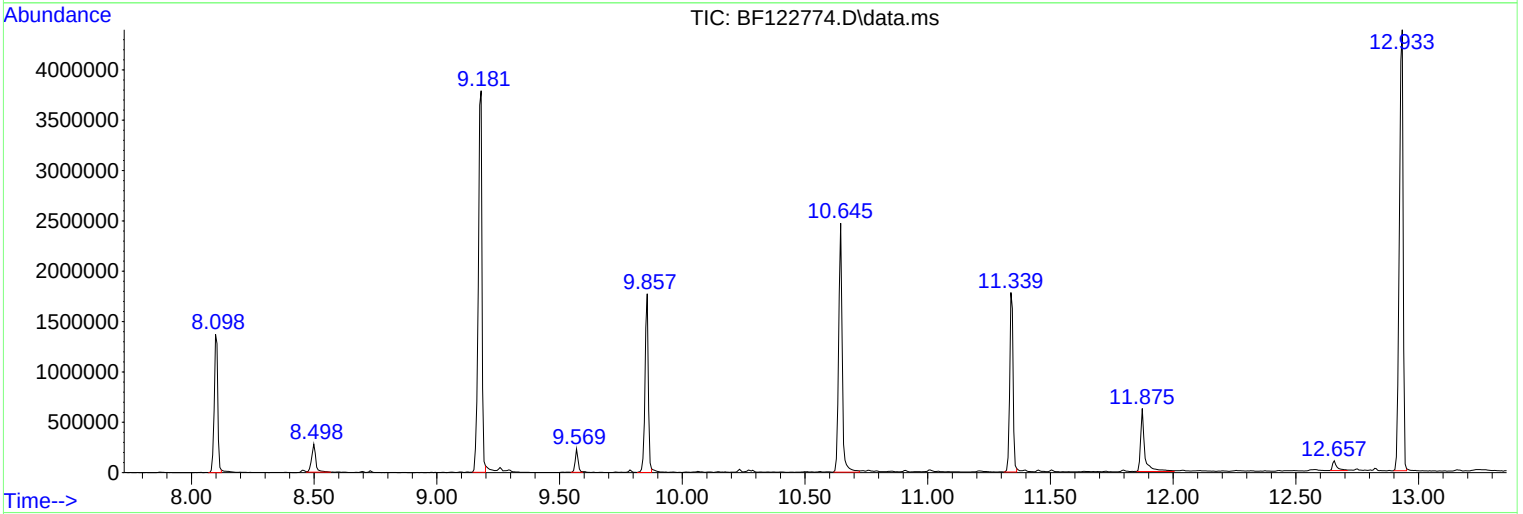
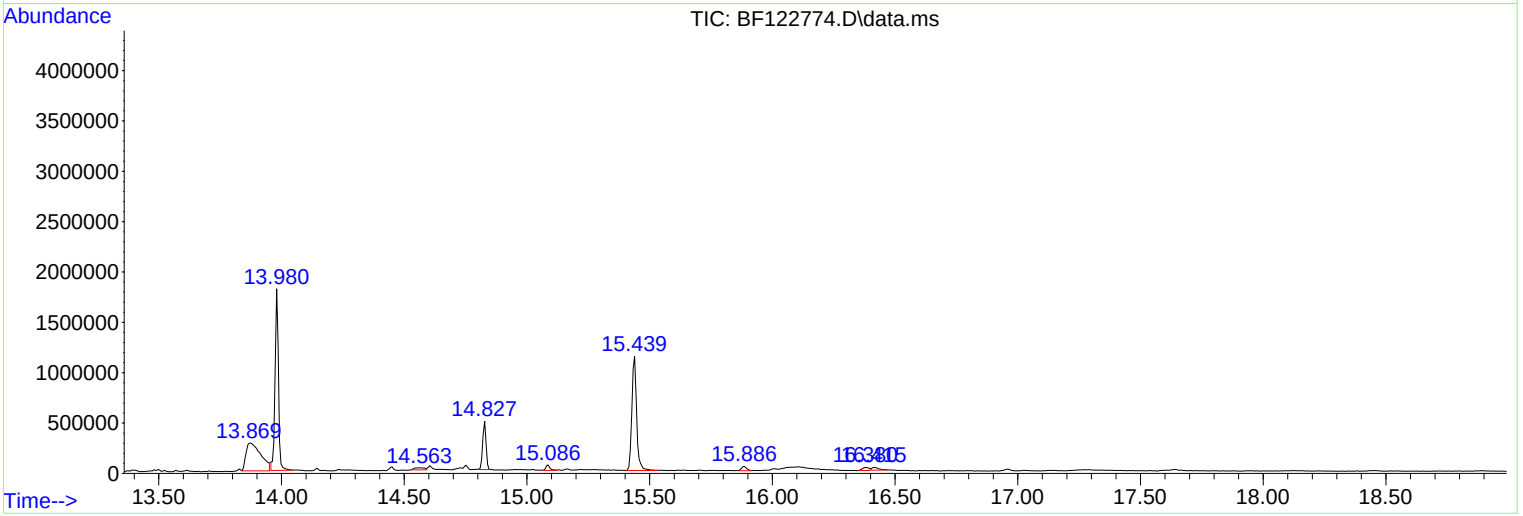
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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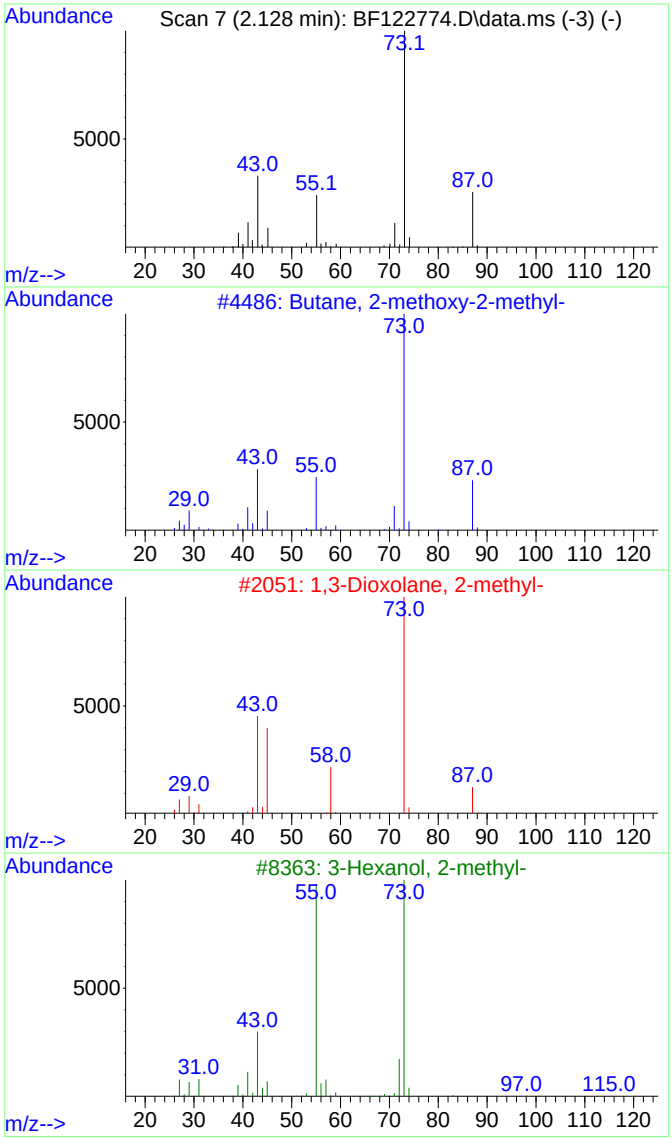
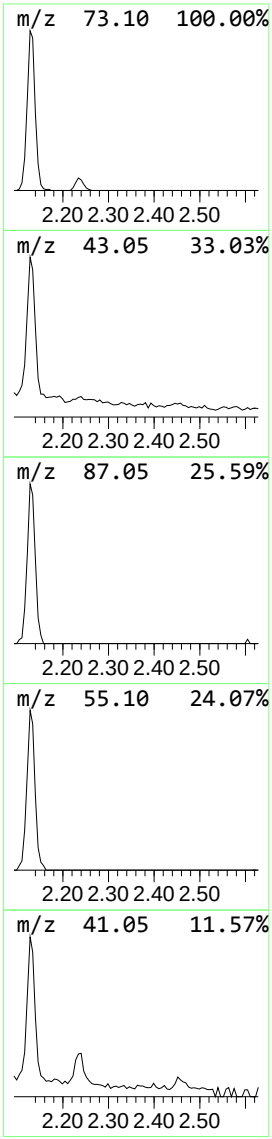
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	3.92 ng	203108	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : WP-1

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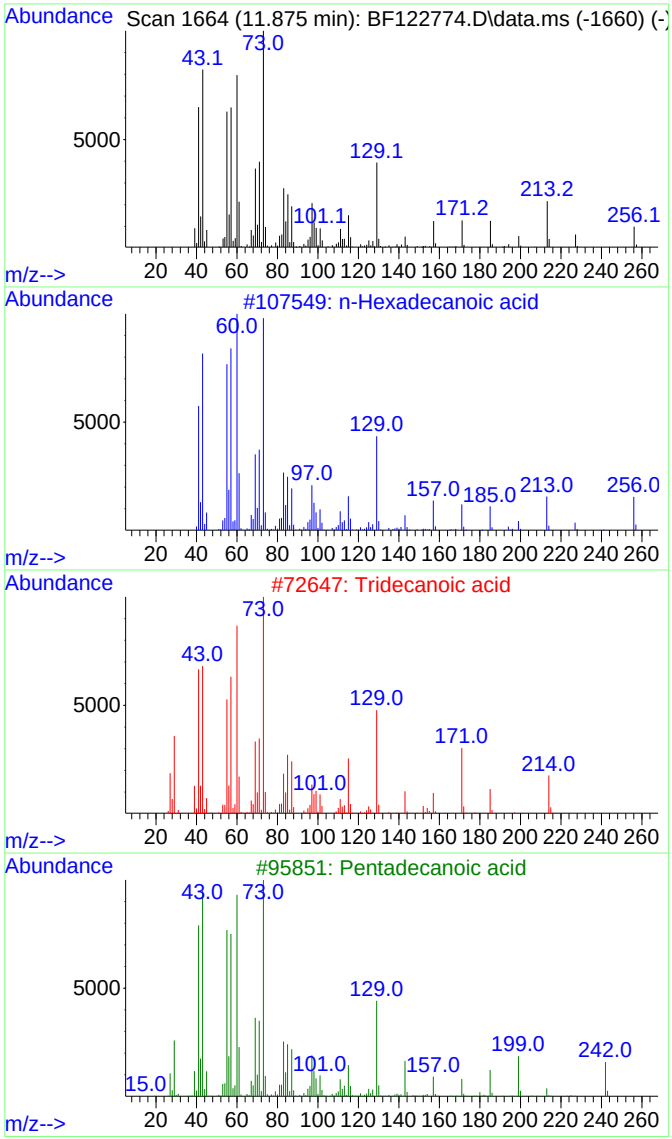
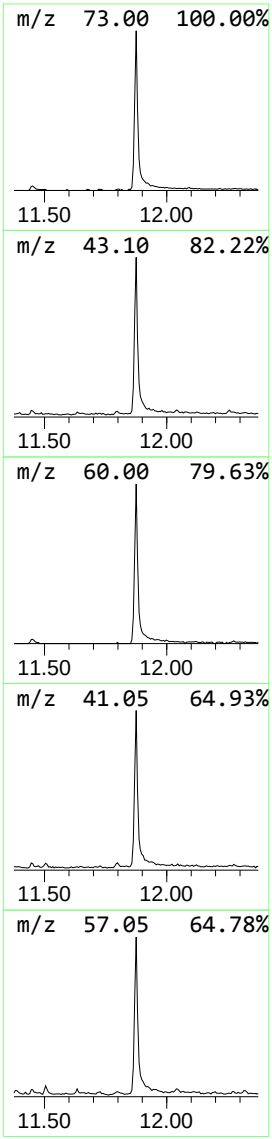
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	8.61 ng	729099	Phenanthrene-d10	11.339

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Data File : BF122774.D
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Sample : L5036-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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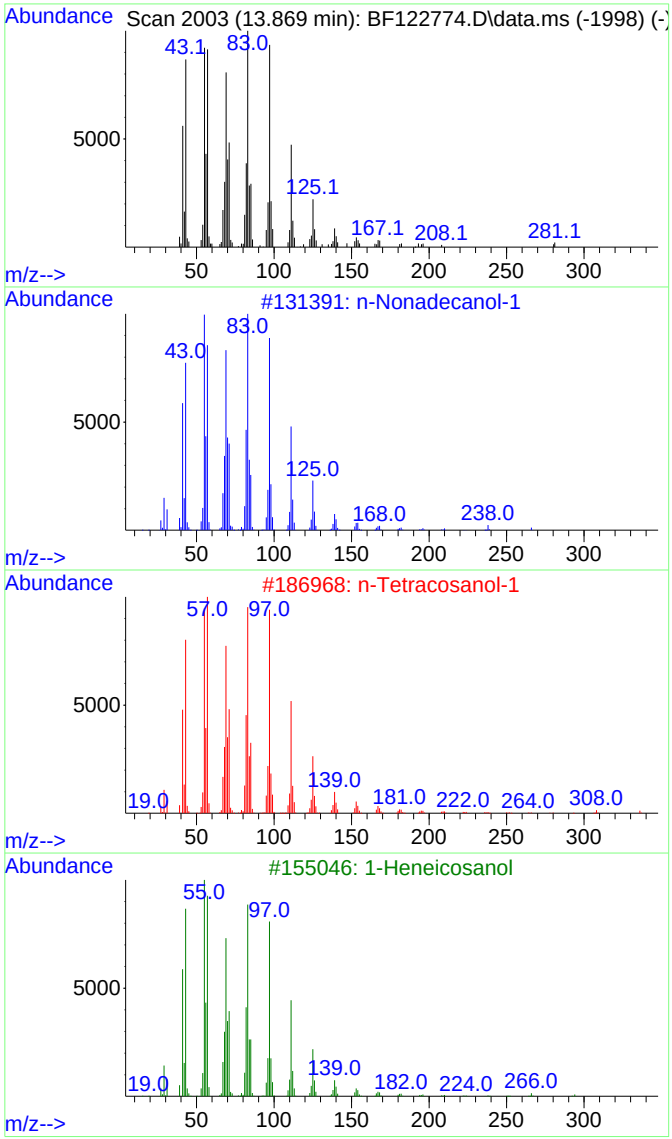
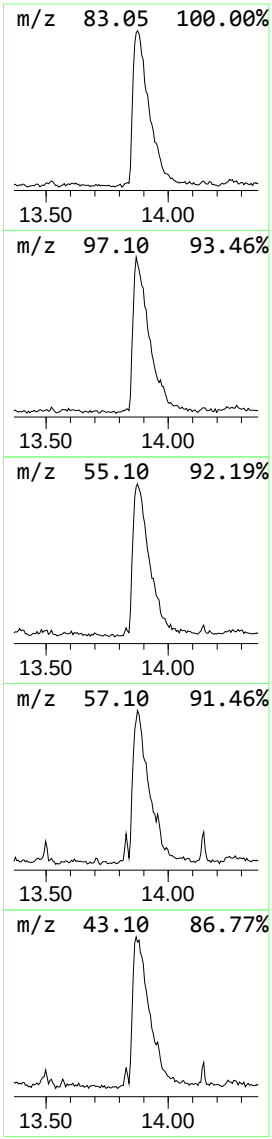
Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	13.45 ng	1164090	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	1-Heptacosanol	396	C27H56O	002004-39-9	95





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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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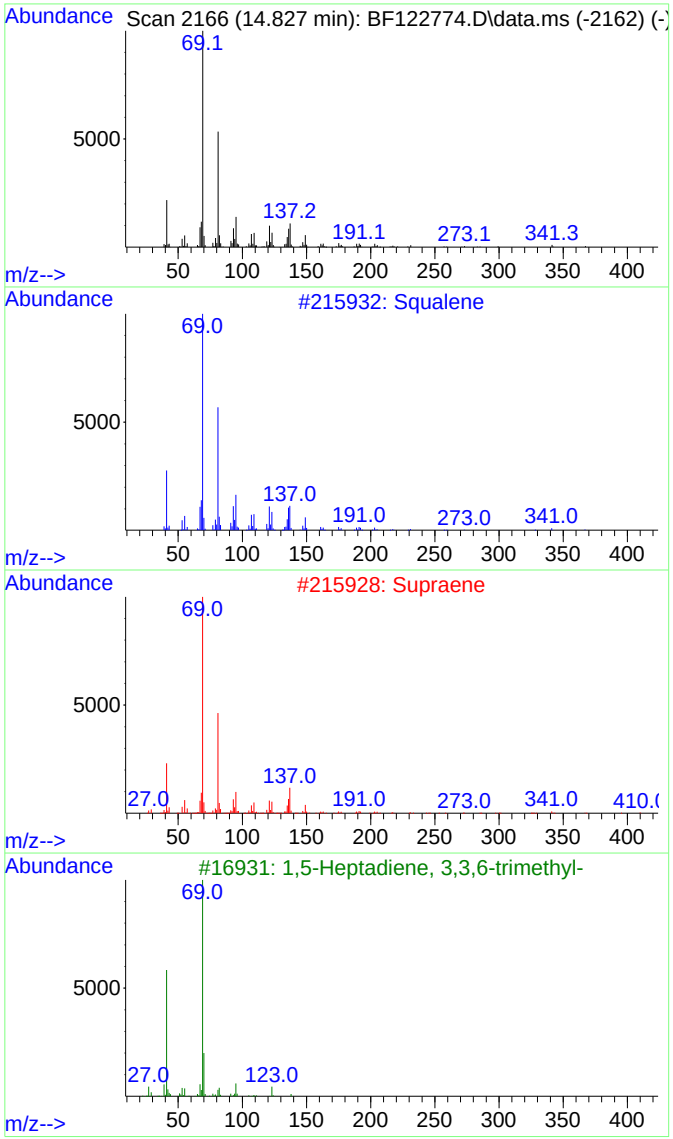
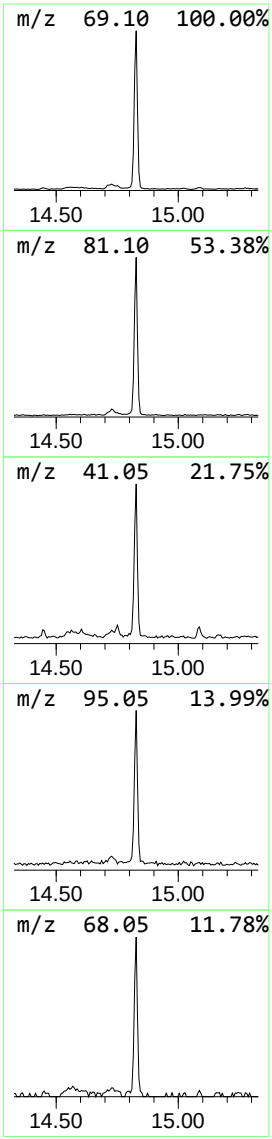
Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	5.85 ng	435715	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	49
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	47





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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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...	2.128	3.9	ng	203108	1	6.816	1035110	20.0
n-Hexadecanoic ...	11.875	8.6	ng	729099	4	11.339	1693980	20.0
n-Nonadecanol-1	13.869	13.4	ng	1164090	5	13.980	1730850	20.0
Squalene	14.827	5.8	ng	435715	6	15.439	1489200	20.0