LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122618.D
Acq On : 9 Dec 2020 19:18
Operator : JU/CG
Sample : L4982-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-LA-36-5-WC

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: BF122618.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	569	573	576	rBV	3060205	2864534	81.65%	9.438%
2	5.787	626	629	637	rBV	50488	63527	1.81%	0.209%
3	6.469	740	745	756	rBV	2925645	3104158	88.48%	10.227%
4	6.663	776	778	792	rVB	120669	159664	4.55%	0.526%
5	6.839	804	808	811	rBV	1263178	1051282	29.96%	3.464%
6	7.398	898	903	906	rBV	2103080	1920613	54.74%	6.328%
7	8.122	1022	1026	1029	rBV	1659188	1409184	40.17%	4.643%
8	9.198	1204	1209	1212	rBV	3511269	3152482	89.86%	10.386%
9	9.592	1271	1276	1285	rBV	215845	212982	6.07%	0.702%
10	9.875	1320	1324	1334	rVB	1835352	1723228	49.12%	5.677%
11	10.592	1440	1446	1454	rBV	136300	131579	3.75%	0.434%
12	10.663	1454	1458	1472	rBV	1947752	1813476	51.69%	5.975%
13	11.363	1573	1577	1580	rBV	2093569	1802776	51.38%	5.939%
14	11.751	1639	1643	1647	rBV	39036	42422	1.21%	0.140%
15	11.892	1658	1667	1689	rBV	873686	1625216	46.32%	5.354%
16	12.157	1709	1712	1718	rVB2	44592	60688	1.73%	0.200%
17	12.480	1762	1767	1772	rBV3	53622	82074	2.34%	0.270%
18	12.545	1774	1778	1781	rVB	90821	106100	3.02%	0.350%
19	12.592	1781	1786	1789	rBV5	26454	50493	1.44%	0.166%
20	12.680	1795	1801	1813	rBV	883982	1355420	38.63%	4.466%
21	12.945	1842	1846	1850	rBV	3761776	3508396	100.00%	11.559%
22	13.921	2006	2012	2021	rBV5	65285	216428	6.17%	0.713%
23	13.998	2021	2025	2029	rVV	1949878	1815911	51.76%	5.983%
24	15.110	2211	2214	2219	rVB	48926	58546	1.67%	0.193%
25	15.462	2268	2274	2288	rBV	1248442	1687305	48.09%	5.559%
26	15.921	2348	2352	2356	rBV3	44370	59723	1.70%	0.197%
27	16.415	2433	2436	2443	rVB3	22076	36826	1.05%	0.121%
28	18.427	2771	2778	2789	rVB6	71236	237325	6.76%	0.782%

Sum of corrected areas: 30352358

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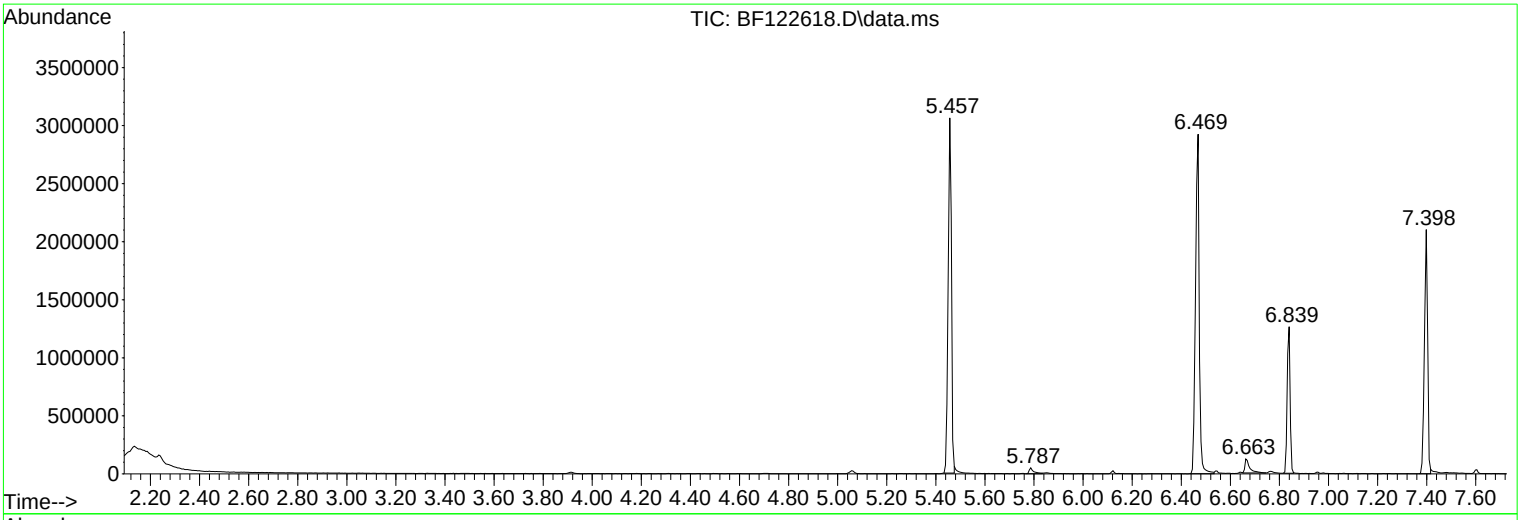
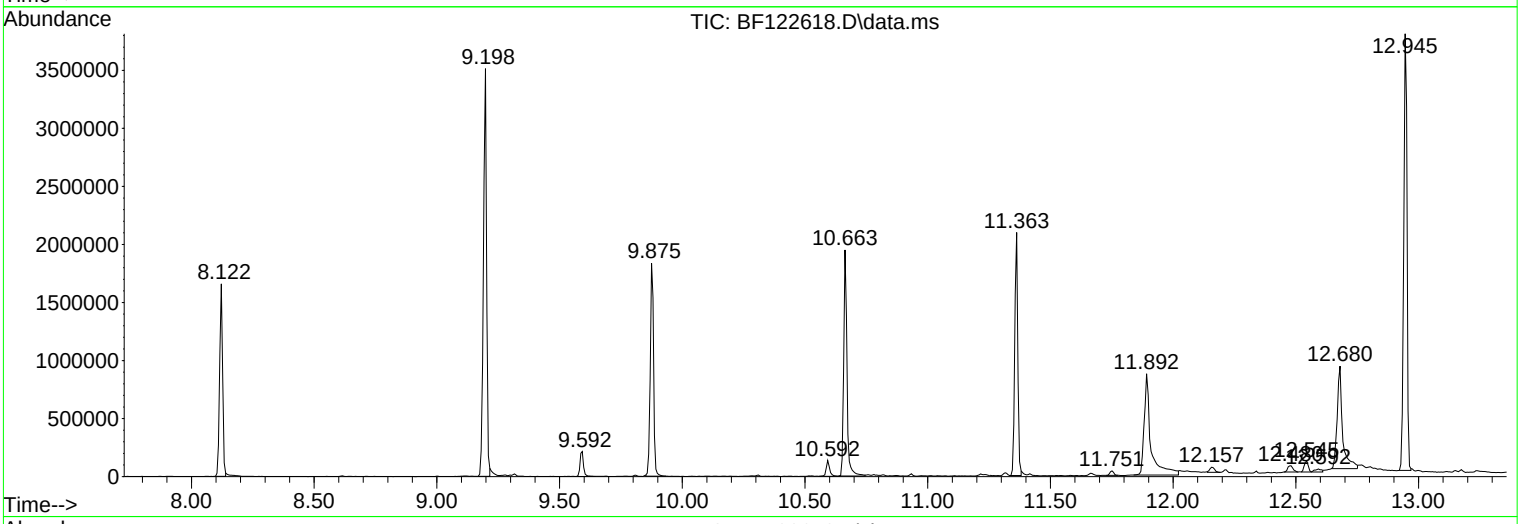
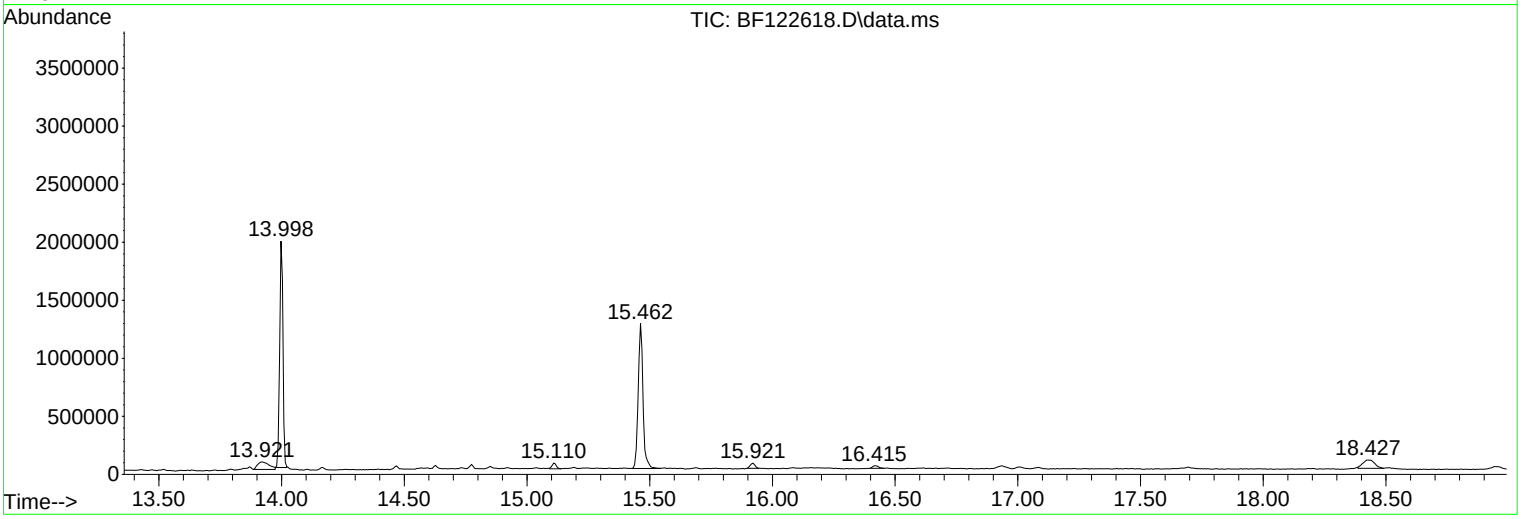
Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

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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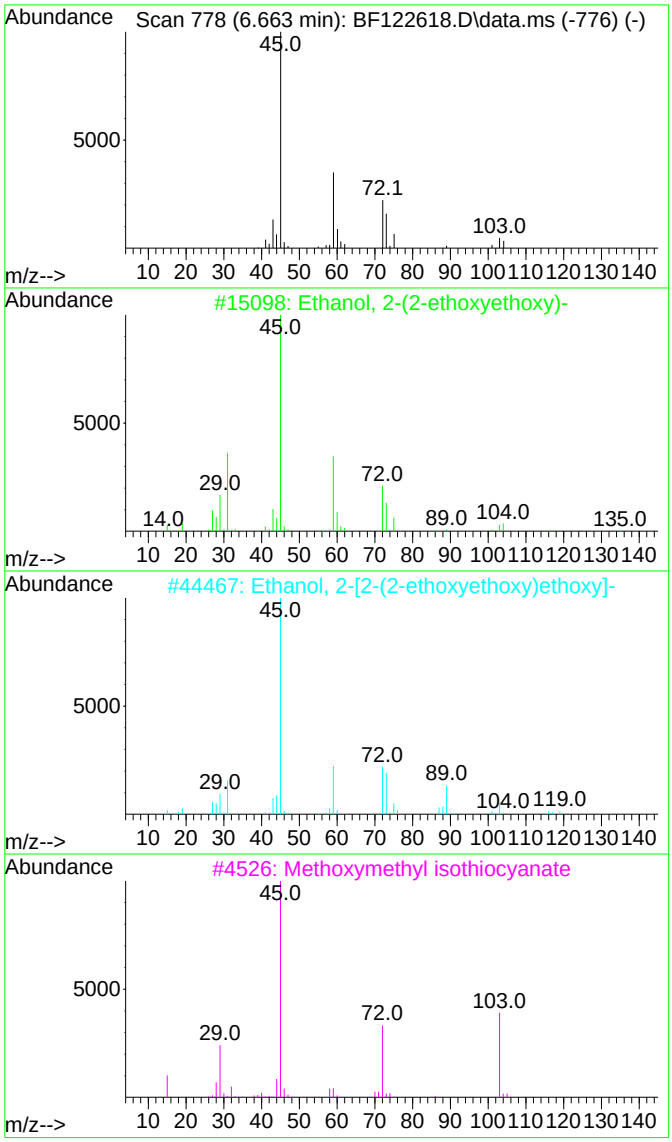
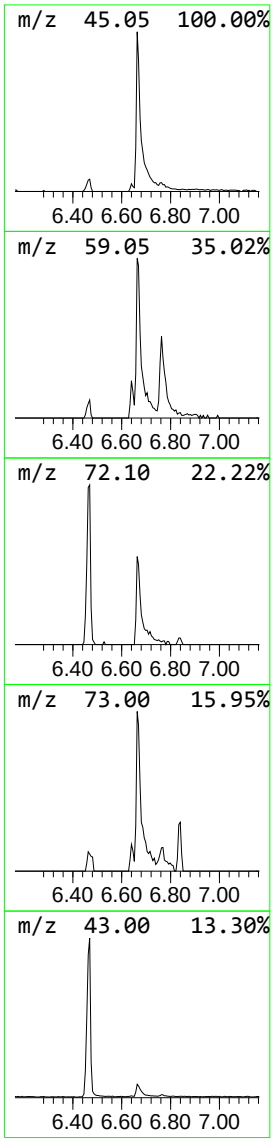
****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	3.04 ng	159664	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
3	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	59
4	Diethyl carbitol	162	C8H18O3	000112-36-7	56
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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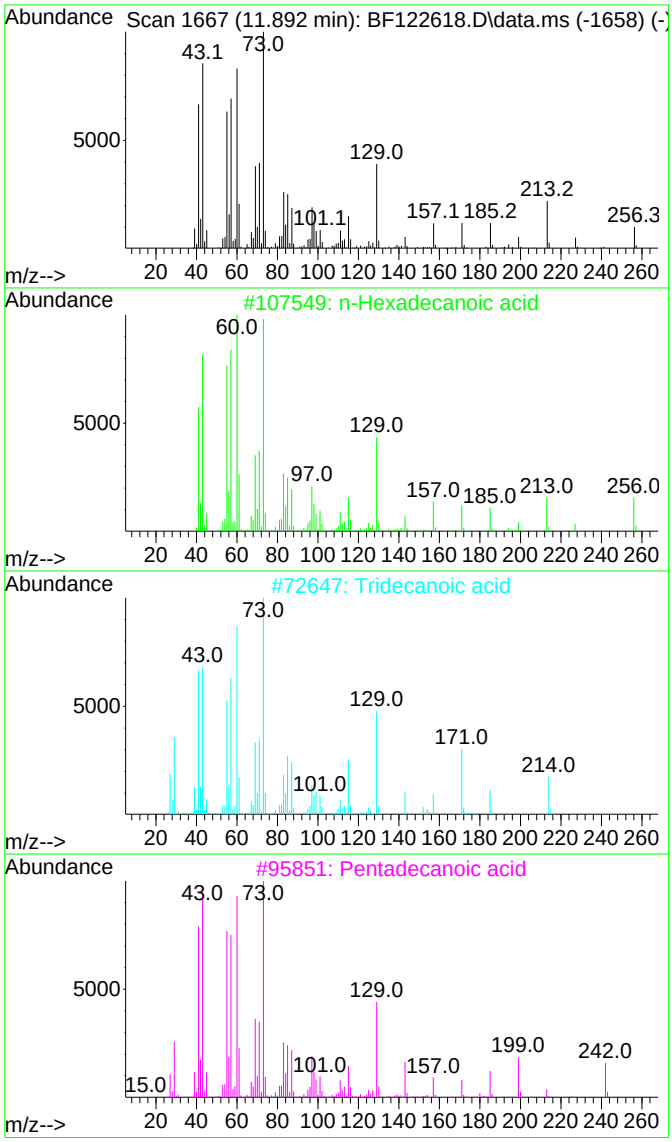
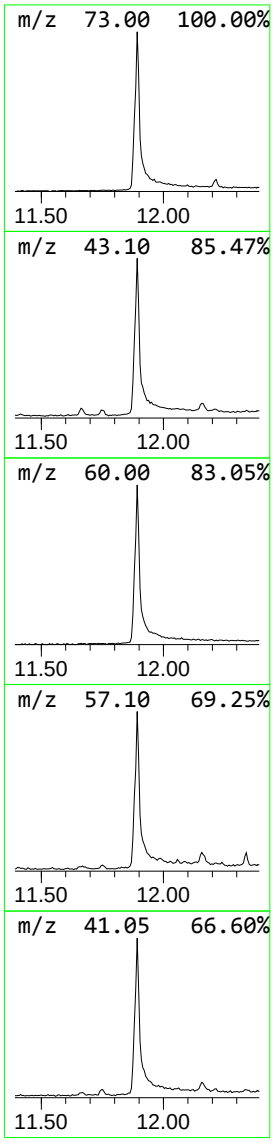
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	18.03 ng	1625220	Phenanthrene-d10	11.363

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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

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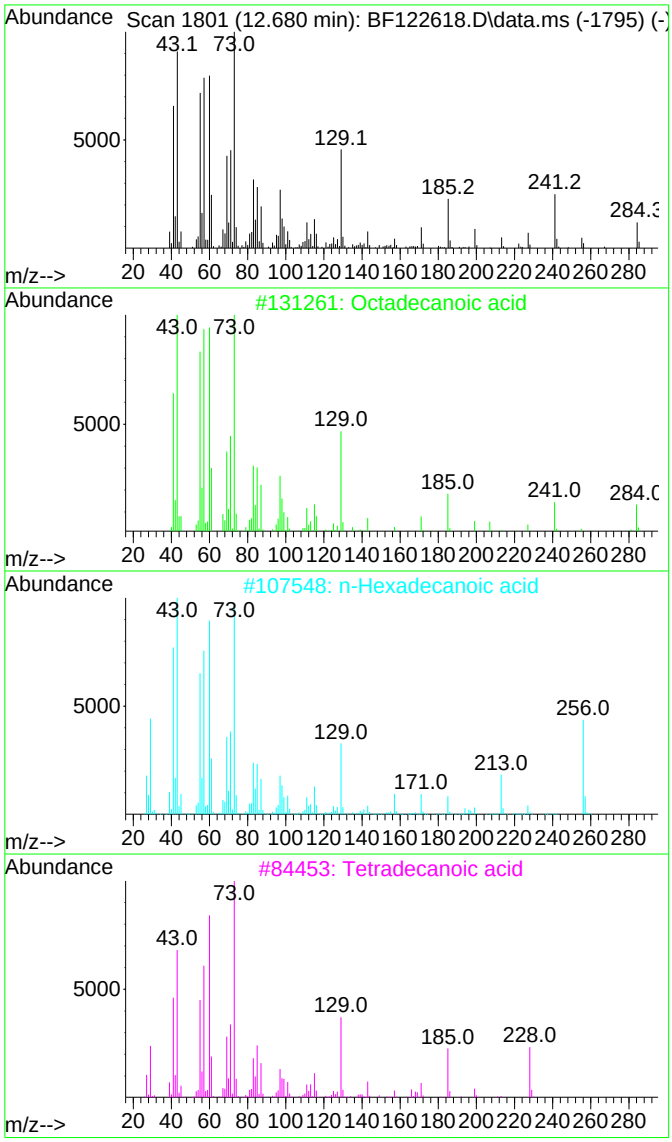
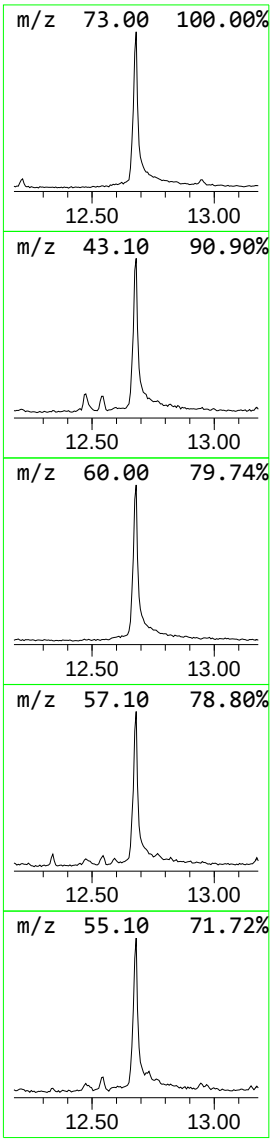
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	14.93 ng	1355420	Chrysene-d12	13.998

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-LA-36-5-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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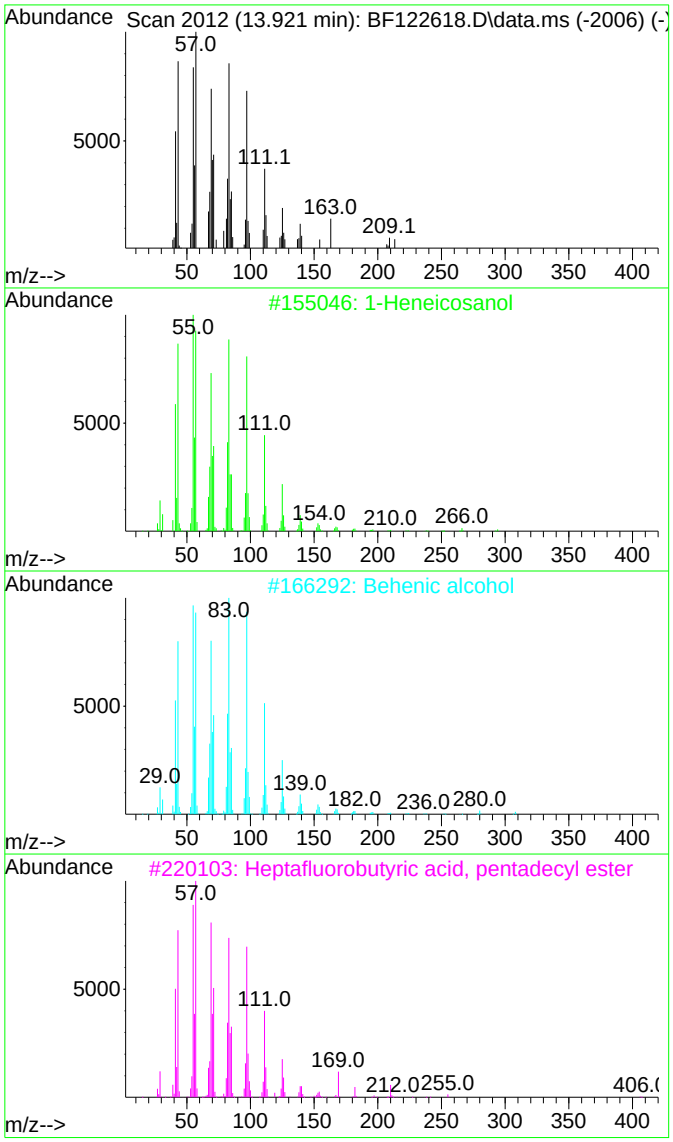
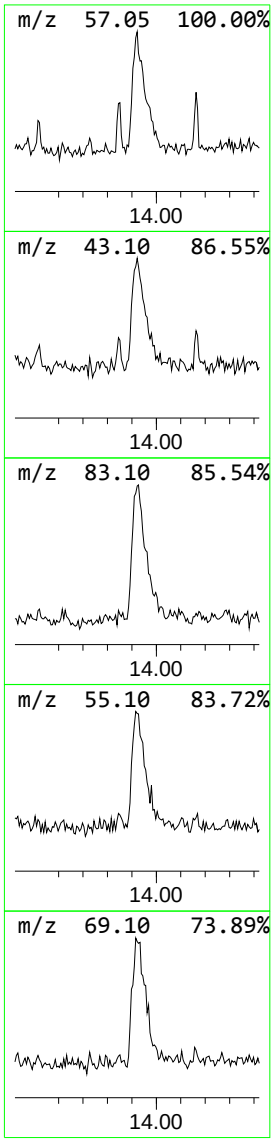
Peak Number 4 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	2.38 ng	216428	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Sample : L4982-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-LA-36-5-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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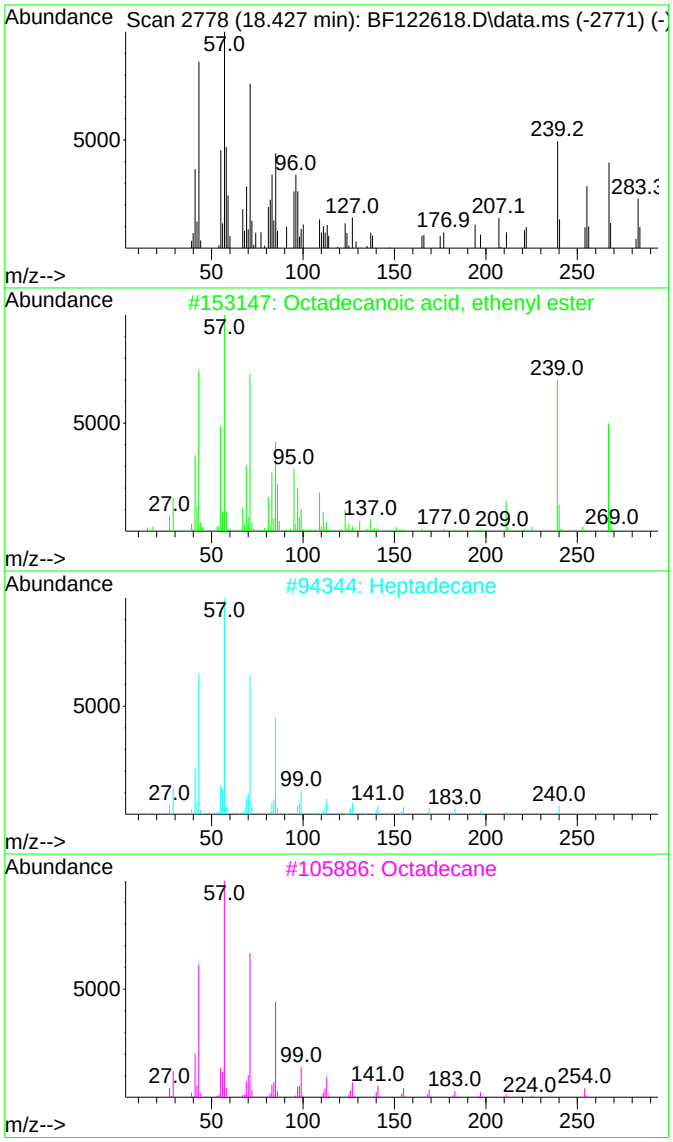
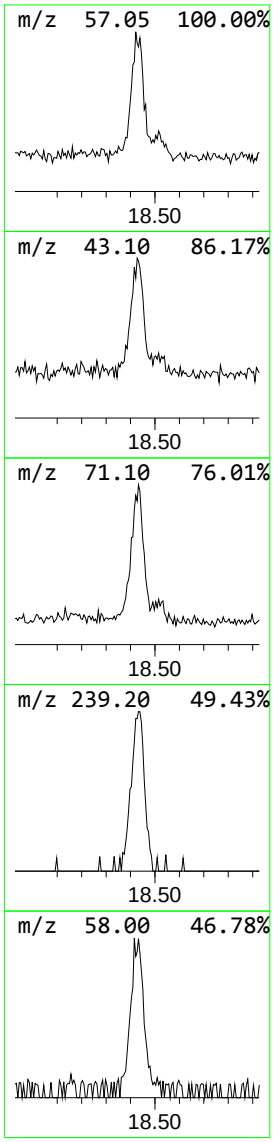
****
Peak Number 5 Octadecanoic acid, ethenyl ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	2.81 ng	237325	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	64
2	Heptadecane	240	C17H36	000629-78-7	46
3	Octadecane	254	C18H38	000593-45-3	46
4	Nonadecane	268	C19H40	000629-92-5	41
5	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.663	3.0	ng	159664	1	6.839	1051280	20.0
n-Hexadecanoic ...	11.892	18.0	ng	1625220	4	11.363	1802780	20.0
Octadecanoic acid	12.680	14.9	ng	1355420	5	13.998	1815910	20.0
1-Heneicosanol	13.921	2.4	ng	216428	5	13.998	1815910	20.0
Octadecanoic ac...	18.427	2.8	ng	237325	6	15.463	1687310	20.0