LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112814.D
Acq On : 1 Mar 2019 21:47
Operator : JU/SJ
Sample : K1675-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-12-A

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	551	556	559	rBV	3632948	3661677	94.75%	10.232%
2	6.381	724	730	733	rBV	3466374	3815539	98.73%	10.662%
3	6.516	748	753	756	rBV	3706069	3840189	99.37%	10.731%
4	6.745	788	792	795	rBV	1251400	1066568	27.60%	2.980%
5	6.898	814	818	822	rBV	3176149	2955012	76.46%	8.258%
6	7.304	881	887	900	rBV	2246877	2401458	62.14%	6.711%
7	8.022	1005	1009	1027	rBV	1287801	1304137	33.74%	3.644%
8	9.098	1188	1192	1206	rBV	4149515	3864730	100.00%	10.800%
9	9.492	1255	1259	1265	rBV	207086	218852	5.66%	0.612%
10	9.774	1302	1307	1319	rVB	1289100	1270589	32.88%	3.551%
11	10.557	1435	1440	1451	rBV	2437367	2342332	60.61%	6.545%
12	11.251	1554	1558	1565	rBV	1315946	1225421	31.71%	3.424%
13	11.786	1645	1649	1660	rBV2	428983	430607	11.14%	1.203%
14	12.457	1760	1763	1767	rBV	47230	51248	1.33%	0.143%
15	12.568	1778	1782	1792	rBV	139570	162238	4.20%	0.453%
16	12.680	1796	1801	1806	rVV	47605	53541	1.39%	0.150%
17	12.833	1822	1827	1830	rBV	3936920	3615884	93.56%	10.104%
18	13.521	1940	1944	1948	rBV5	24419	40224	1.04%	0.112%
19	13.733	1976	1980	1989	rBV	343339	395536	10.23%	1.105%
20	13.874	1999	2004	2008	rBV	1494945	1398425	36.18%	3.908%
21	14.062	2033	2036	2039	rBV	63691	60228	1.56%	0.168%
22	14.362	2084	2087	2092	rBV	112335	122049	3.16%	0.341%
23	14.662	2135	2138	2141	rBV	109542	105572	2.73%	0.295%
24	14.980	2189	2192	2198	rVB	132319	157992	4.09%	0.441%
25	15.286	2239	2244	2249	rVV	797960	957595	24.78%	2.676%
26	15.339	2249	2253	2257	rVB	108506	134732	3.49%	0.376%
27	15.745	2318	2322	2326	rBV2	84330	133067	3.44%	0.372%

Sum of corrected areas: 35785442

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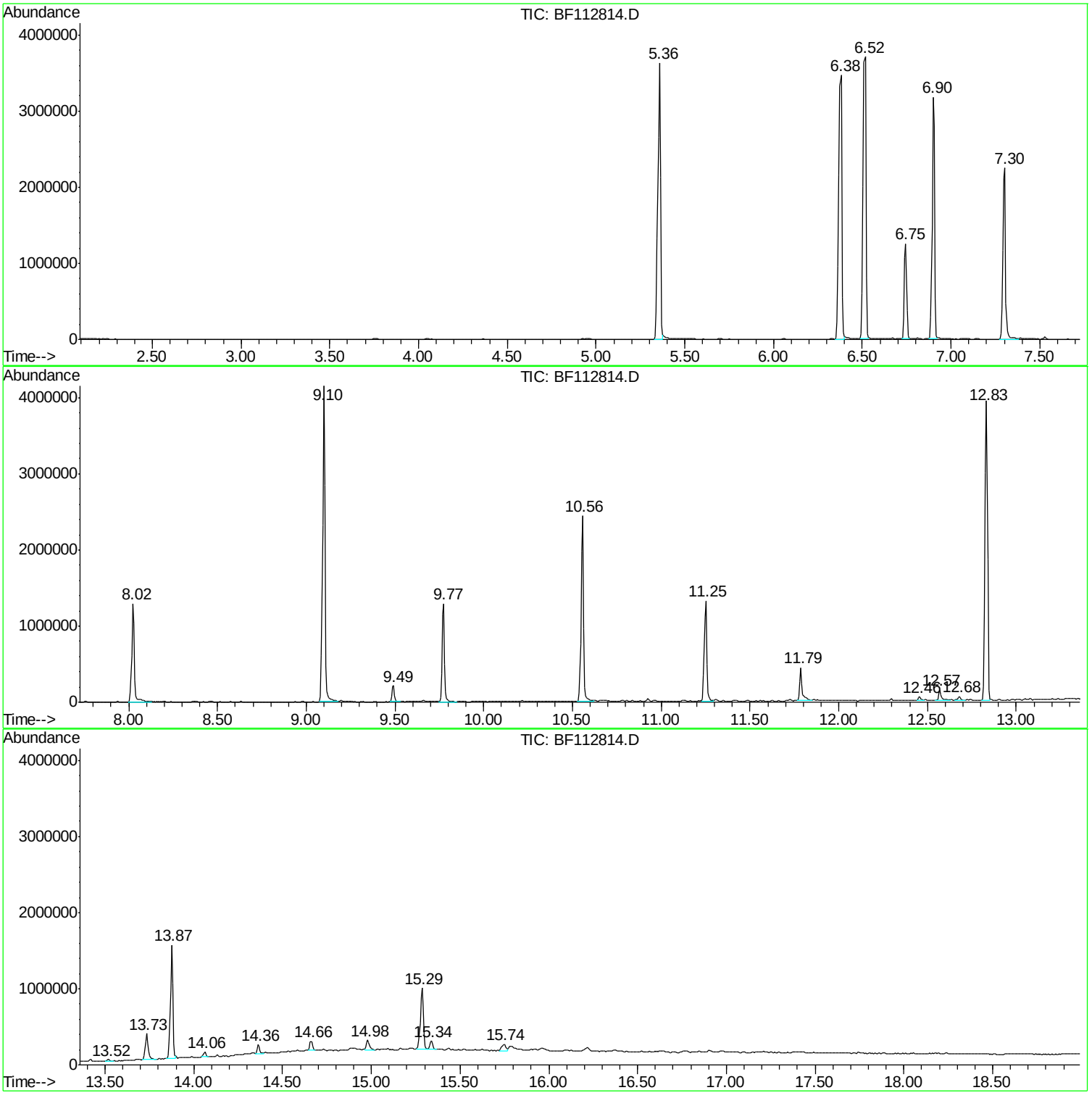
Instrument :
BNA_F
ClientSampleId :
Z-3-12-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : Z-3-12-A

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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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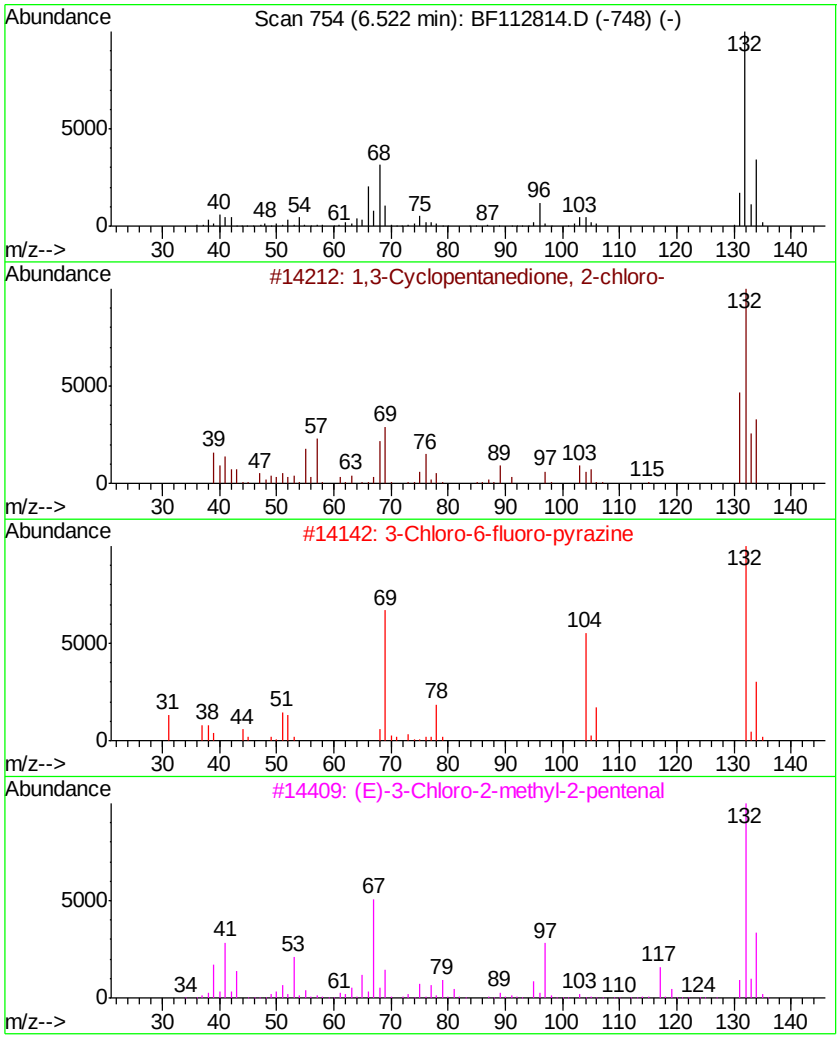
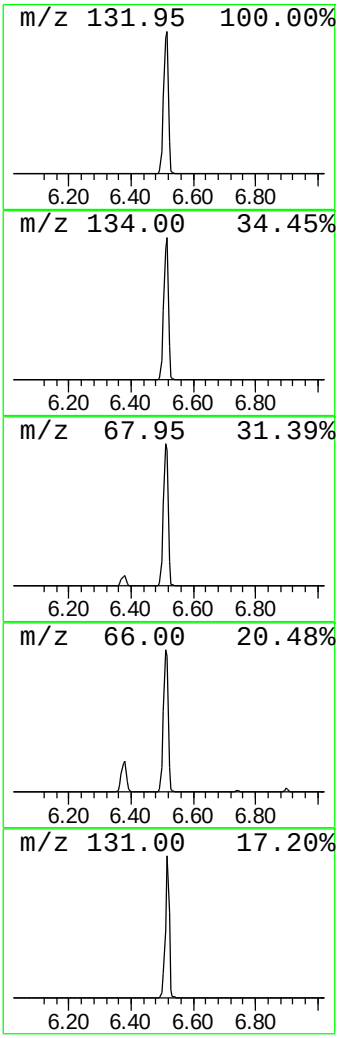
Peak Number 1 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	72.01 ng	3840190	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Misc :
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Instrument : BNA_F
ClientSampleId : Z-3-12-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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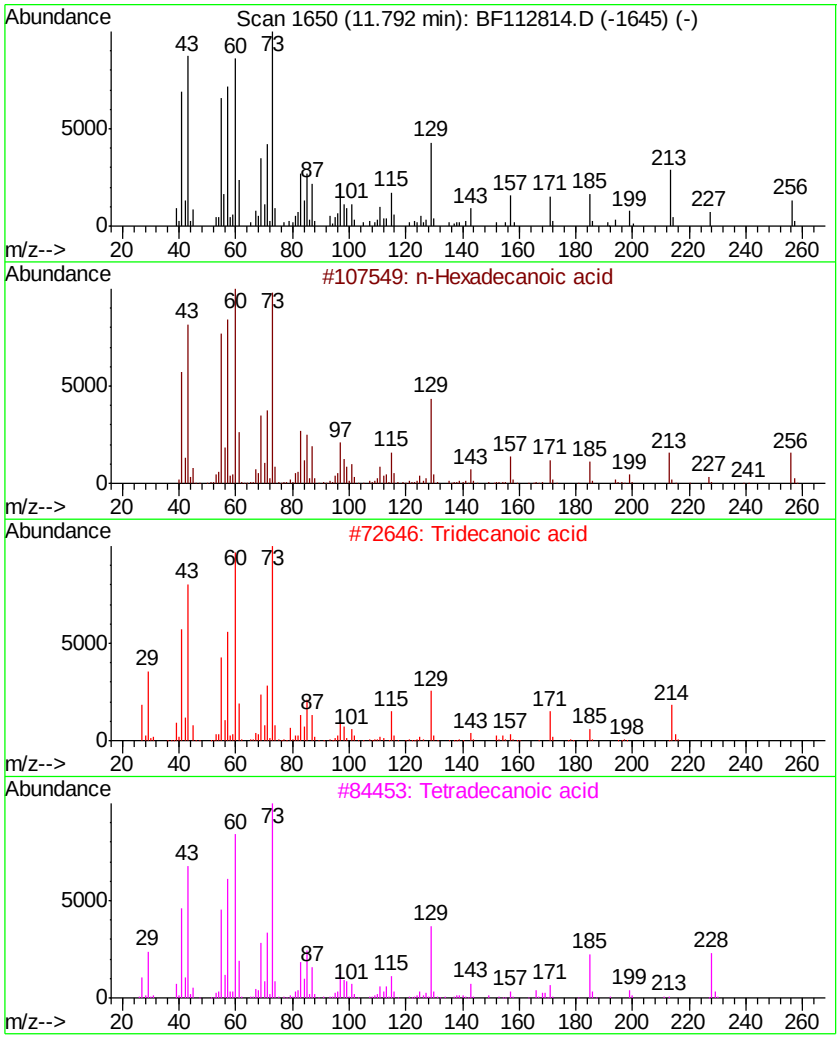
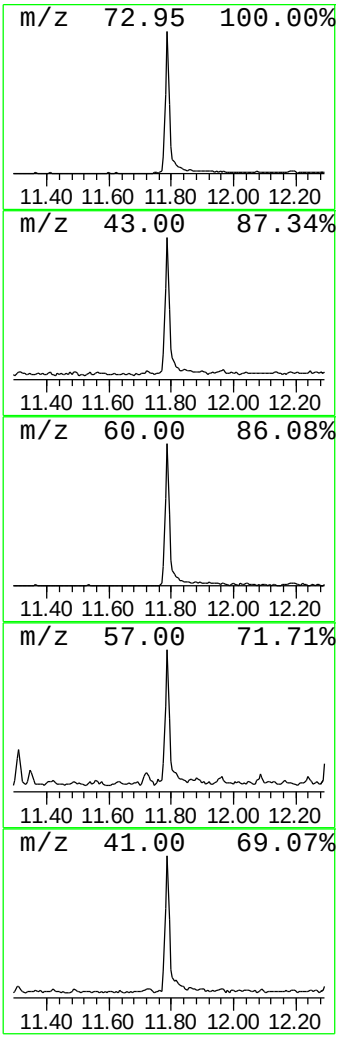
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.03 ng	430607	Phenanthrene-d10	11.25

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Sample : K1675-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-12-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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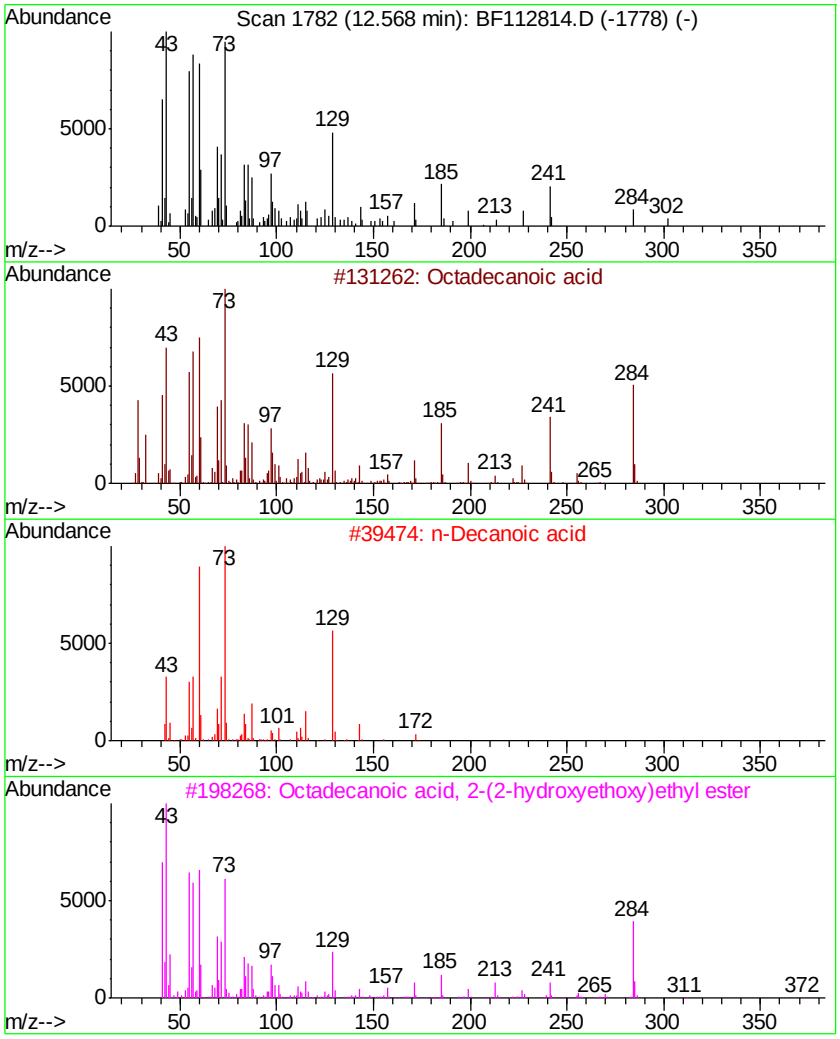
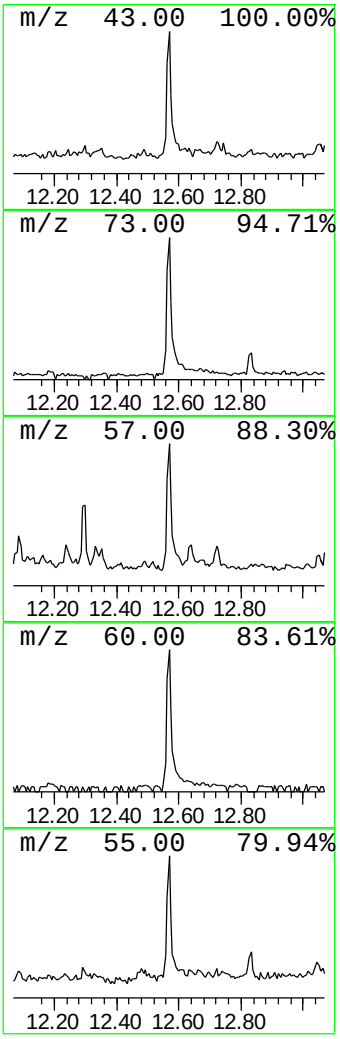
Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.32 ng	162238	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Instrument : BNA_F
ClientSampleId : Z-3-12-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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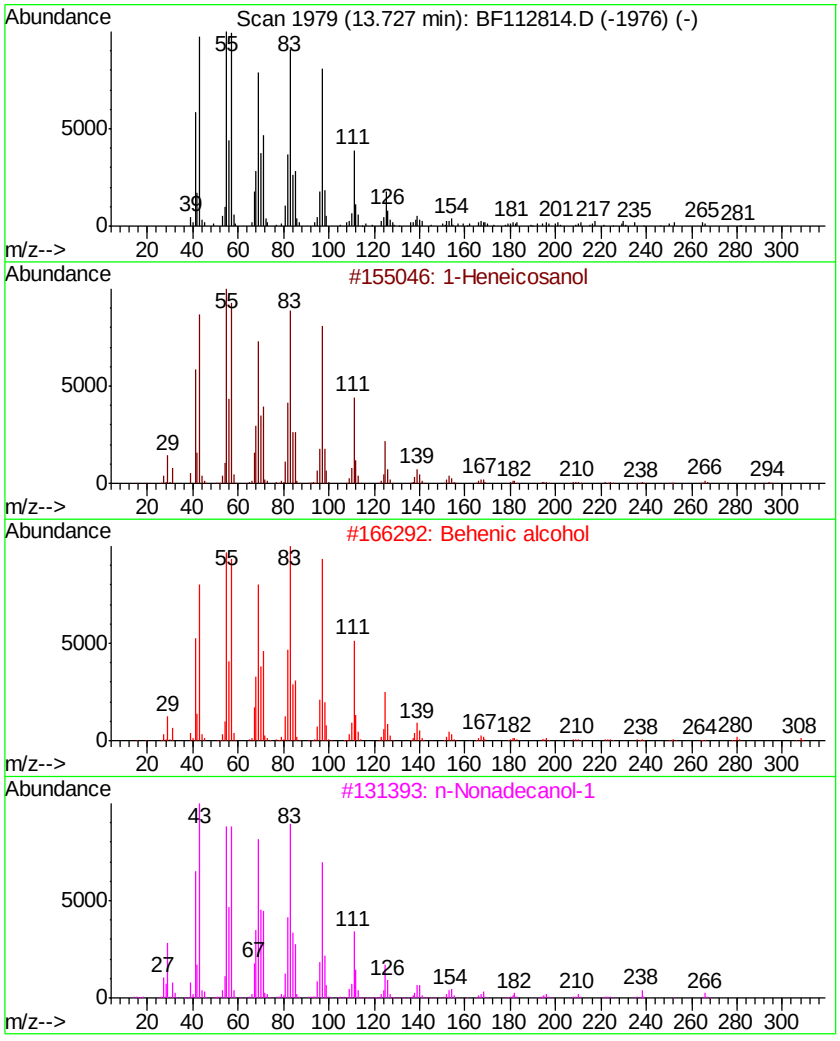
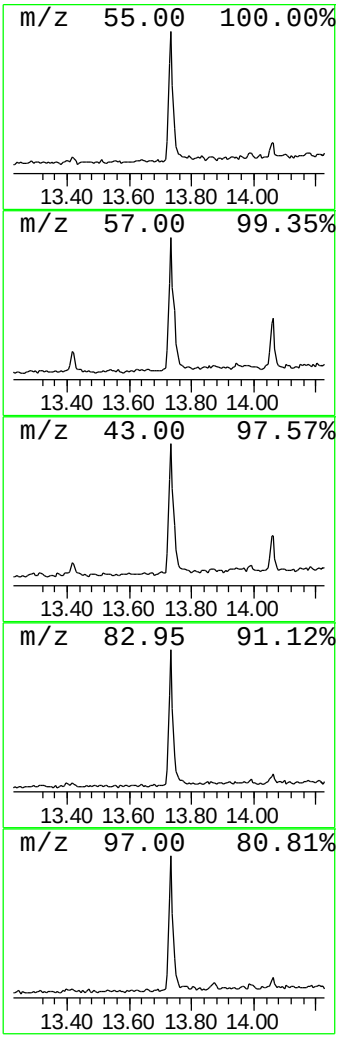
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.66 ng	395536	Chrysene-d12	13.87

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	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Library Search Compound Report

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ClientSampleId : Z-3-12-A

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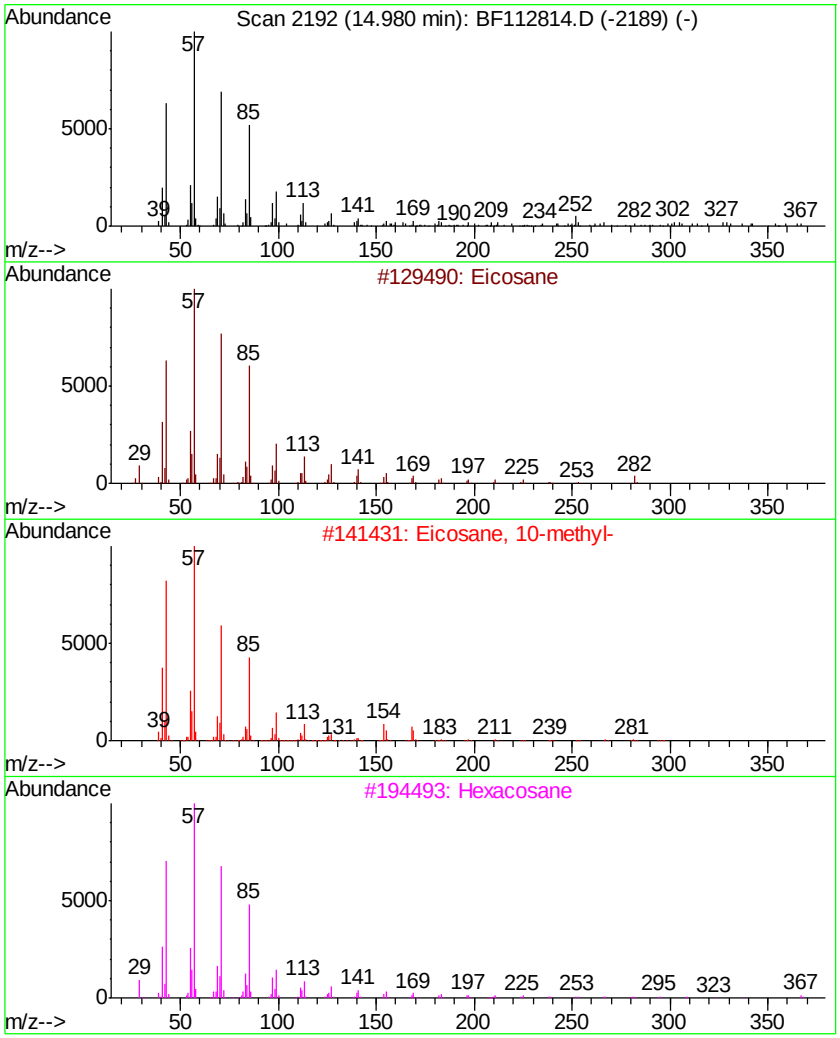
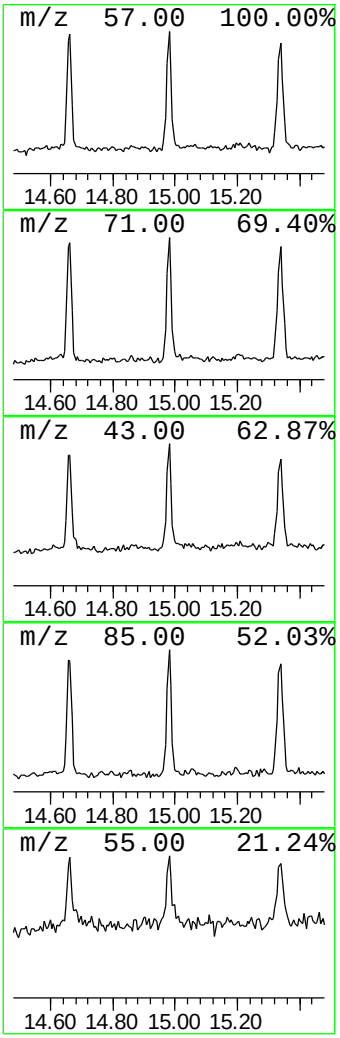
Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	3.30 ng	157992	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Instrument : BNA_F
ClientSampleId : Z-3-12-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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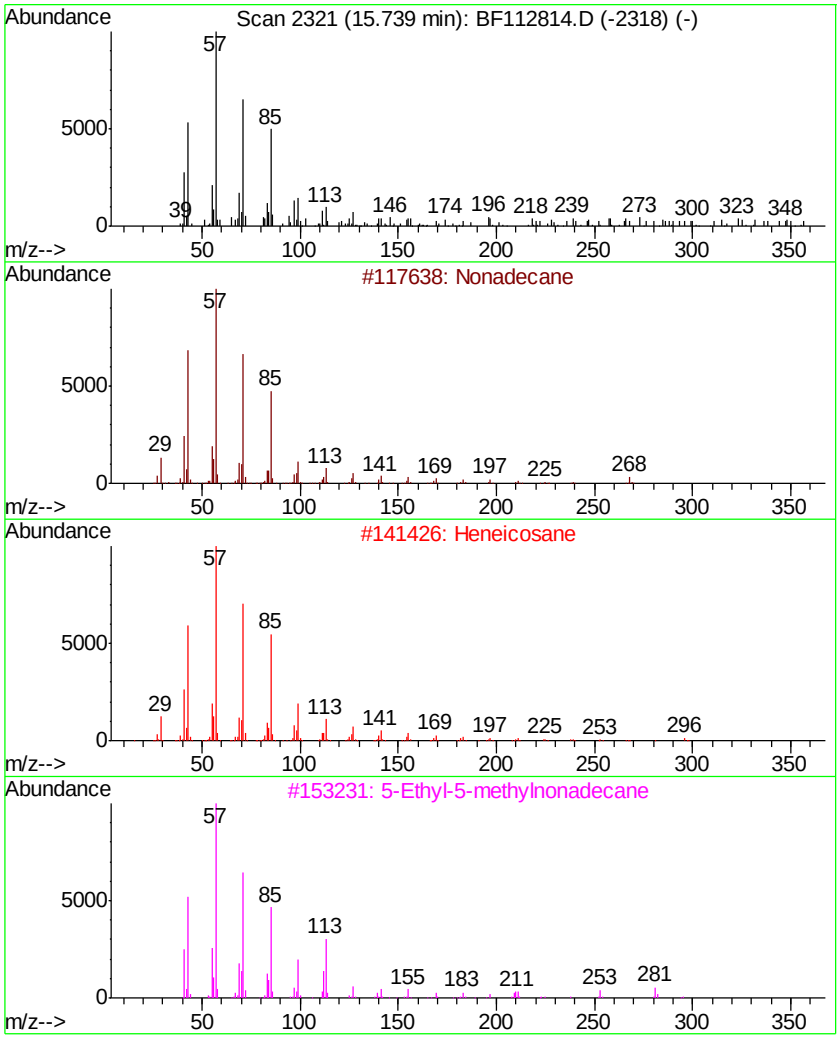
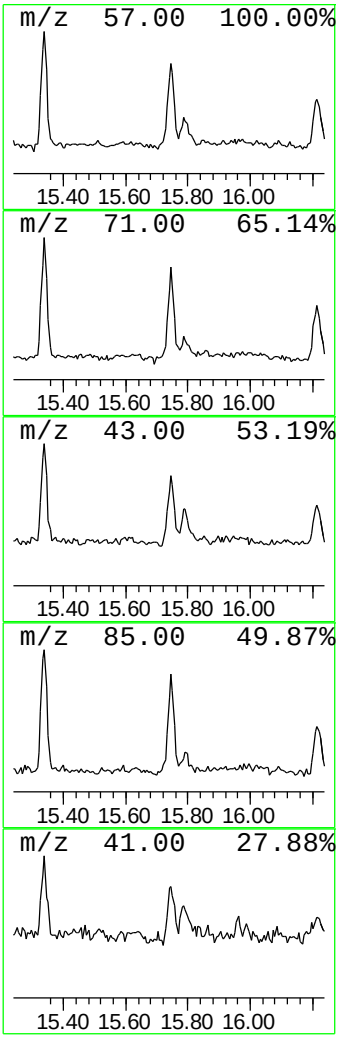
Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.78 ng	133067	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	83
3	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	74
4	Octacosane	394	C28H58	000630-02-4	72
5	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	72





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.52	6.52	72.0	ng	3840190	1	6.75	1066570	20.0
n-Hexadecanoic acid	11.79	7.0	ng	430607	4	11.25	1225420	20.0
Octadecanoic acid	12.57	2.3	ng	162238	5	13.87	1398430	20.0
1-Heneicosanol	13.73	5.7	ng	395536	5	13.87	1398430	20.0
Eicosane	14.98	3.3	ng	157992	6	15.29	957595	20.0
Nonadecane	15.74	2.8	ng	133067	6	15.29	957595	20.0