LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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-BF060419.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	5.275	537	542	545	rBV	4629369	4202373	23.50%	3.706%
2	6.304	713	717	735	rVB	4148400	4366888	24.42%	3.851%
3	6.440	735	740	743	rBV	4887958	4633871	25.92%	4.087%
4	6.669	775	779	782	rBV	2840206	2278194	12.74%	2.009%
5	6.828	801	806	809	rBV	4180426	3666440	20.51%	3.234%
6	7.228	869	874	877	rBV	3158650	2700711	15.11%	2.382%
7	7.951	993	997	1000	rBV	3554536	2856082	15.97%	2.519%
8	9.028	1176	1180	1183	rBV	5784171	4975171	27.83%	4.388%
9	9.122	1193	1196	1200	rBV	415105	311548	1.74%	0.275%
10	9.416	1243	1246	1249	rBV	509467	477093	2.67%	0.421%
11	9.651	1283	1286	1289	rBV	627208	504572	2.82%	0.445%
12	9.698	1290	1294	1302	rVB	3610007	3133604	17.53%	2.764%
13	9.886	1321	1326	1328	rBV3	130202	210802	1.18%	0.186%
14	9.969	1337	1340	1344	rVB3	195180	213523	1.19%	0.188%
15	10.145	1367	1370	1373	rVB	750506	565646	3.16%	0.499%
16	10.369	1403	1408	1410	rBV	293430	316273	1.77%	0.279%
17	10.480	1423	1427	1431	rVB	3000038	2748193	15.37%	2.424%
18	10.616	1447	1450	1457	rBV	848511	935141	5.23%	0.825%
19	11.063	1523	1526	1529	rBV	767995	589155	3.30%	0.520%
20	11.092	1529	1531	1536	rVB	284533	275883	1.54%	0.243%
21	11.169	1541	1544	1548	rBV	2882718	2624495	14.68%	2.315%
22	11.486	1595	1598	1600	rBV	691333	598723	3.35%	0.528%
23	11.504	1600	1601	1605	rVB	389035	308064	1.72%	0.272%
24	11.586	1611	1615	1619	rBV	8422940	8161938	45.65%	7.198%
25	11.722	1634	1638	1646	rBV	1426437	1384533	7.74%	1.221%
26	11.892	1662	1667	1672	rVB	573013	642538	3.59%	0.567%
27	12.280	1727	1733	1734	rVV	11383416	16622634	92.97%	14.660%
28	12.304	1734	1737	1742	rVV2	12326403	17878802	100.00%	15.768%
29	12.339	1742	1743	1746	rVV2	431007	304448	1.70%	0.269%
30	12.374	1746	1749	1752	rVV	4500086	4083520	22.84%	3.601%
31	12.410	1752	1755	1756	rVV	1199117	1213518	6.79%	1.070%
32	12.427	1756	1758	1766	rVV	2369575	3202189	17.91%	2.824%
33	12.504	1768	1771	1777	rVB	487455	572989	3.20%	0.505%
34	12.604	1785	1788	1793	rVB	884301	886654	4.96%	0.782%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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-BF060419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.651	1793	1796	1798	rBV	436599	359980	2.01%	0.317%
36	12.757	1810	1814	1817	rBV	4503252	3764872	21.06%	3.320%
37	12.927	1840	1843	1845	rBV	675796	636003	3.56%	0.561%
38	12.951	1845	1847	1853	rVV5	366686	597531	3.34%	0.527%
39	13.016	1853	1858	1864	rVB2	776498	1171332	6.55%	1.033%
40	13.092	1868	1871	1875	rBV	586422	552917	3.09%	0.488%
41	13.245	1895	1897	1901	rVB4	262122	290841	1.63%	0.257%
42	13.345	1911	1914	1917	rBV	318939	272552	1.52%	0.240%
43	13.510	1939	1942	1946	rVB2	229297	284817	1.59%	0.251%
44	13.663	1965	1968	1973	rBV2	451604	666117	3.73%	0.587%
45	13.763	1982	1985	1987	rBV	390565	358913	2.01%	0.317%
46	13.792	1987	1990	1994	rVB	2397019	2085899	11.67%	1.840%
47	13.986	2020	2023	2026	rBV	386773	349536	1.96%	0.308%
48	14.292	2072	2075	2078	rVB	370894	340445	1.90%	0.300%
49	14.374	2087	2089	2093	rBV4	202787	239231	1.34%	0.211%
50	14.586	2122	2125	2130	rBV	401644	434441	2.43%	0.383%
51	14.892	2174	2177	2183	rVB	461293	504828	2.82%	0.445%
52	15.180	2222	2226	2229	rVV	1442103	1573567	8.80%	1.388%
53	15.239	2233	2236	2240	rVB	389919	454373	2.54%	0.401%

Sum of corrected areas: 113384403

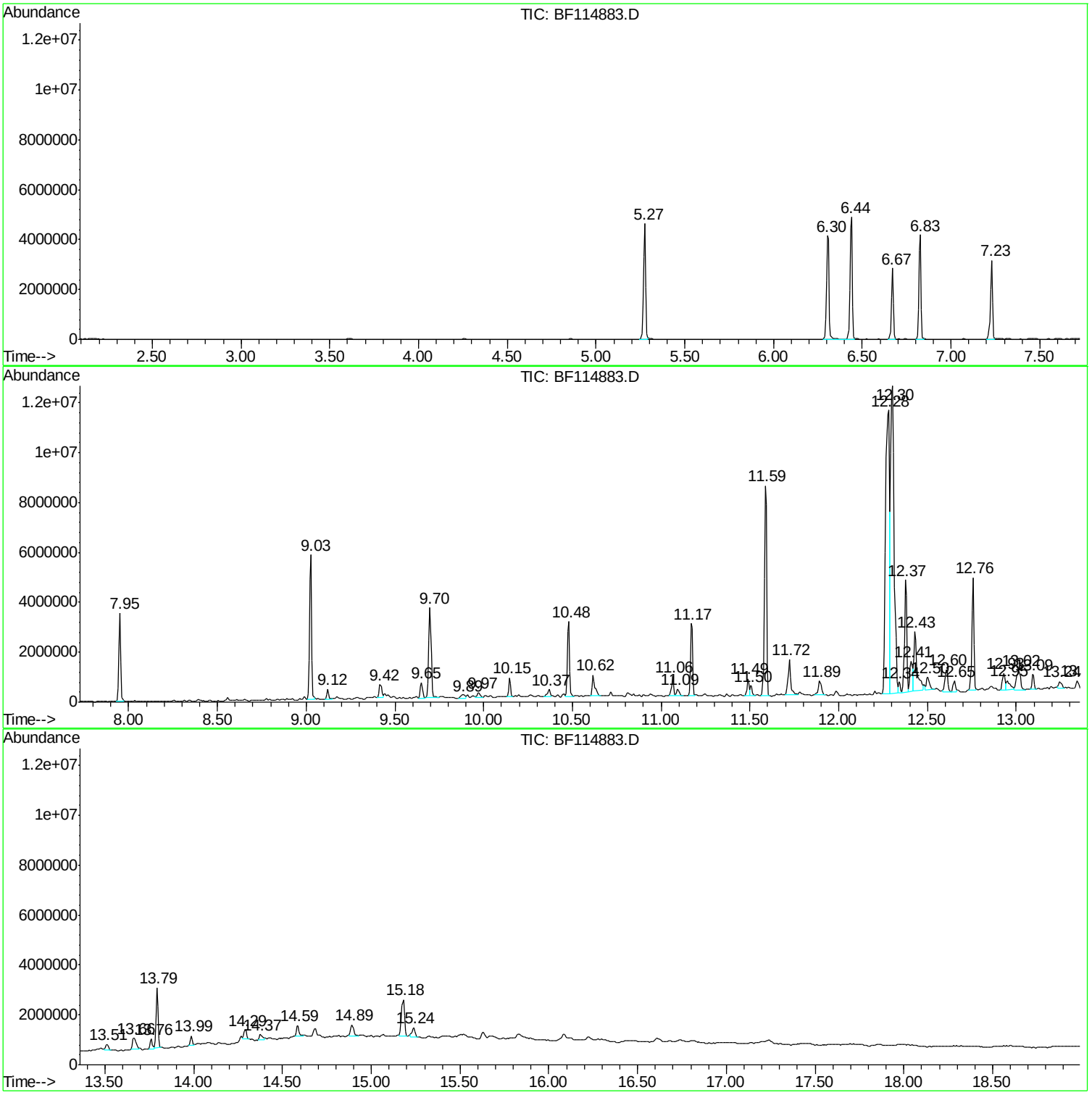
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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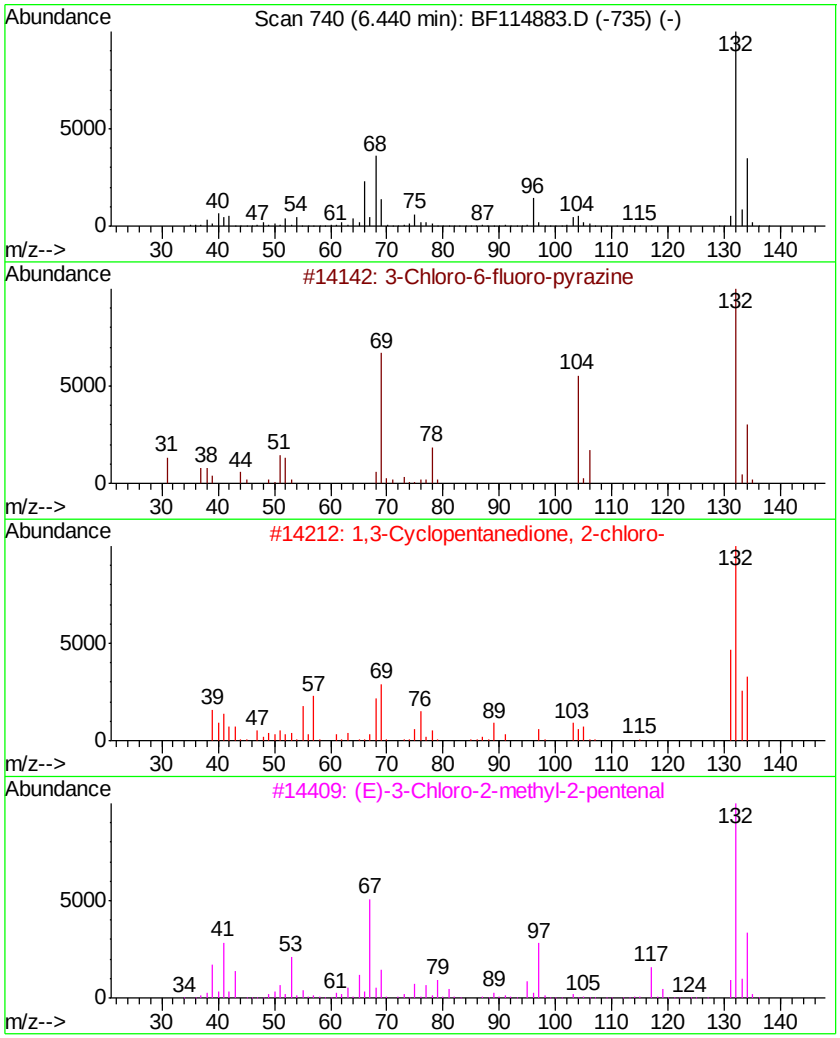
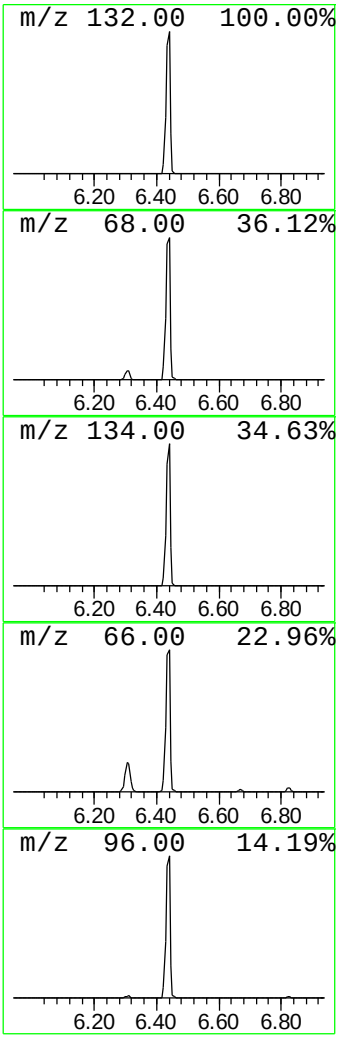
Peak Number 1 unknown6.44 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	40.68 ng	4633870	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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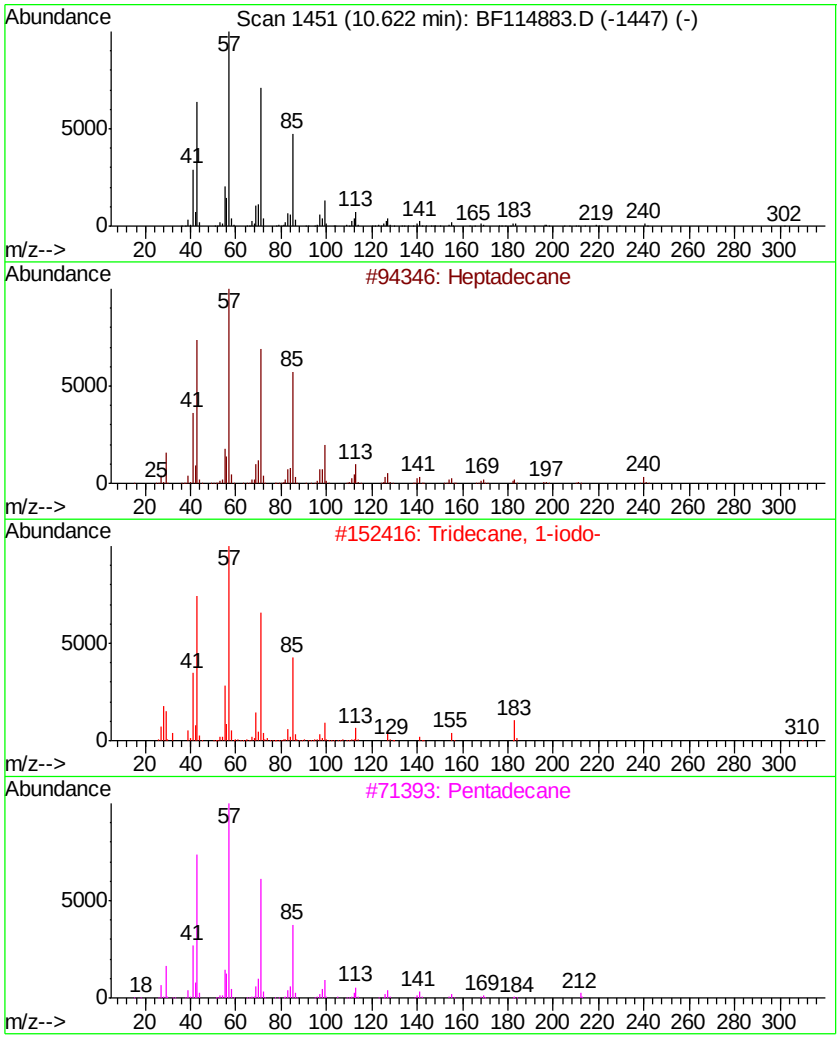
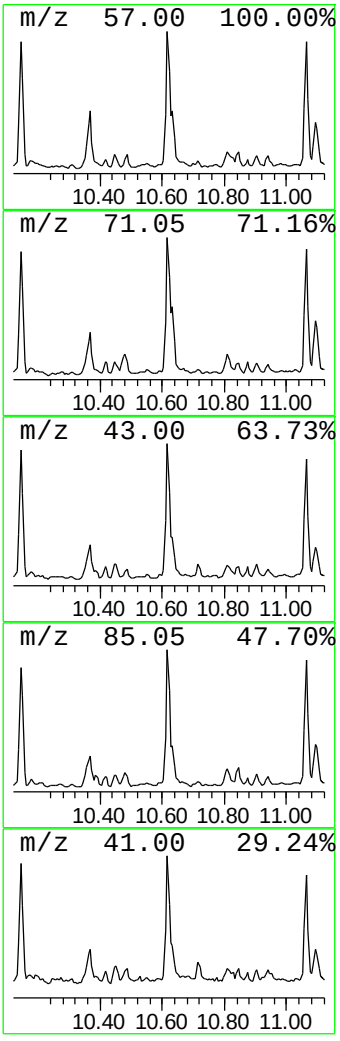
Peak Number 3 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.13 ng	935141	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

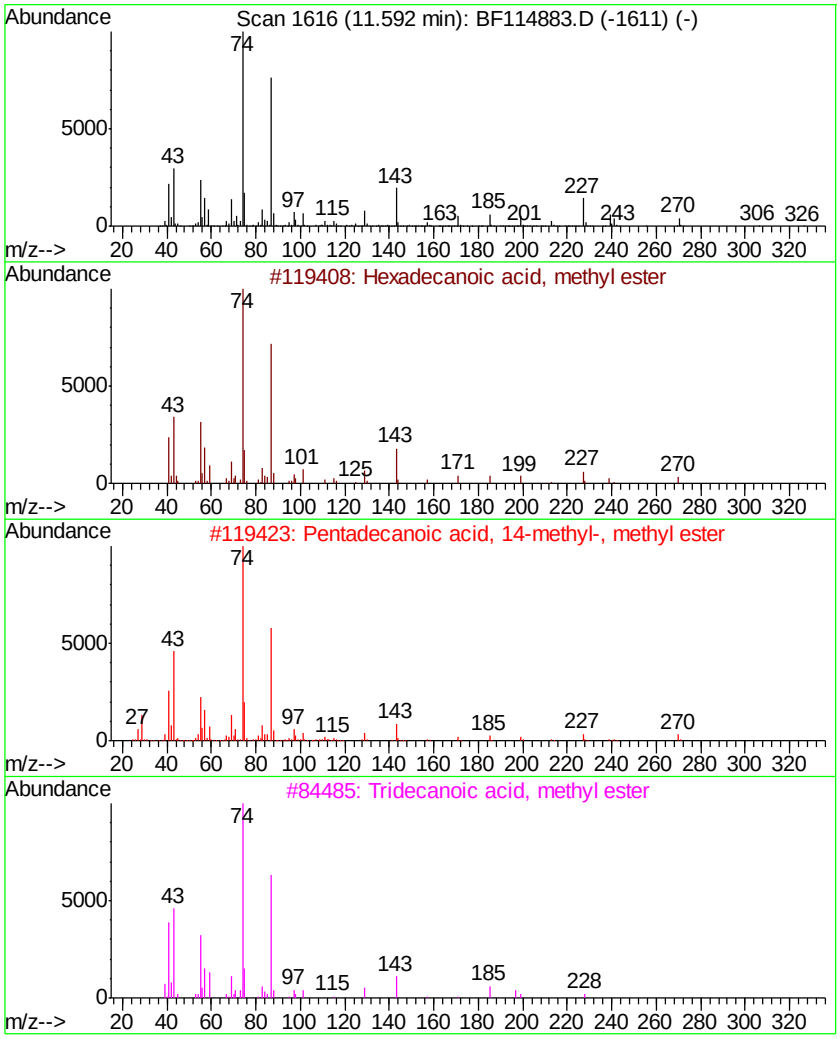
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

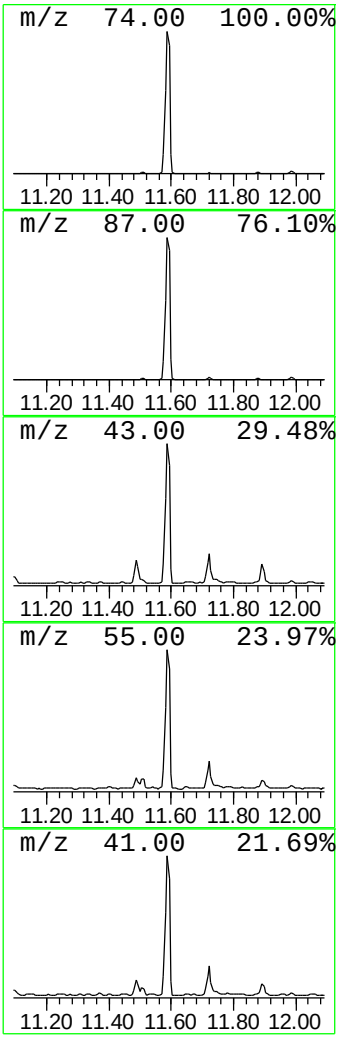
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	62.20 ng	8161940	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

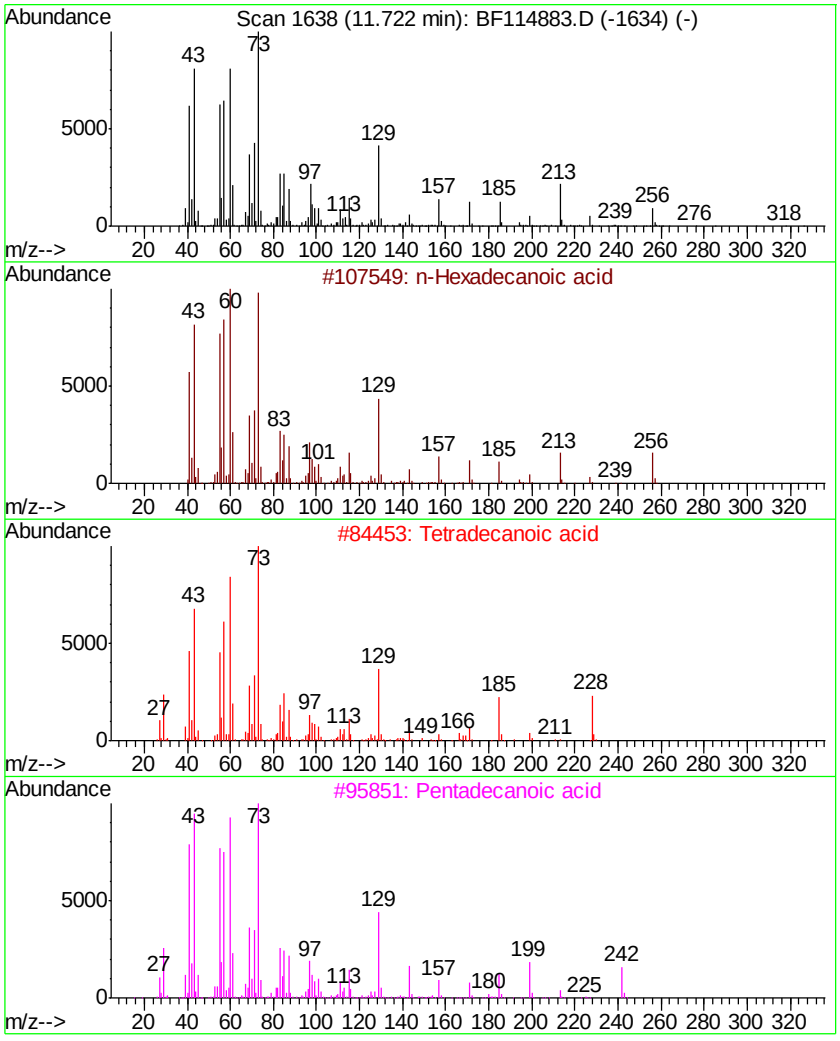
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

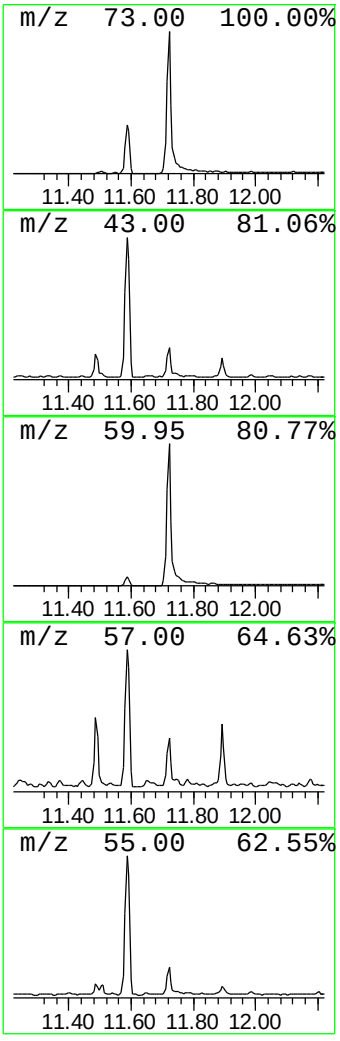
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.55 ng	1384530	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

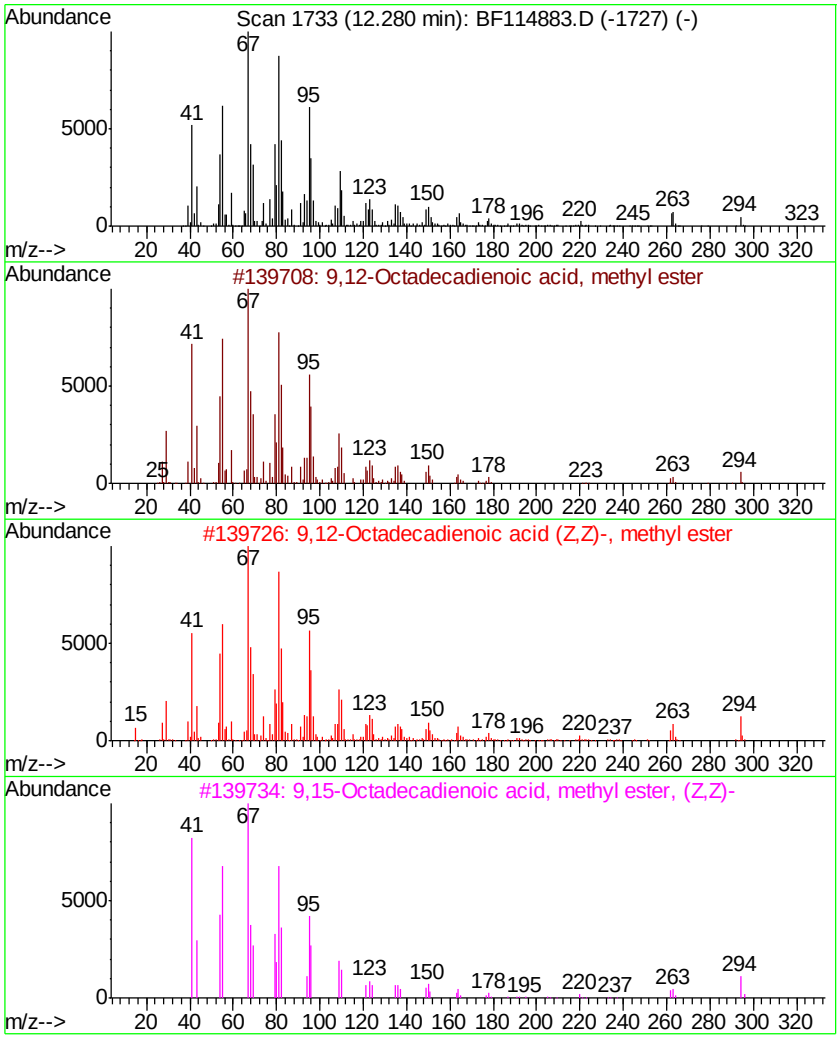
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

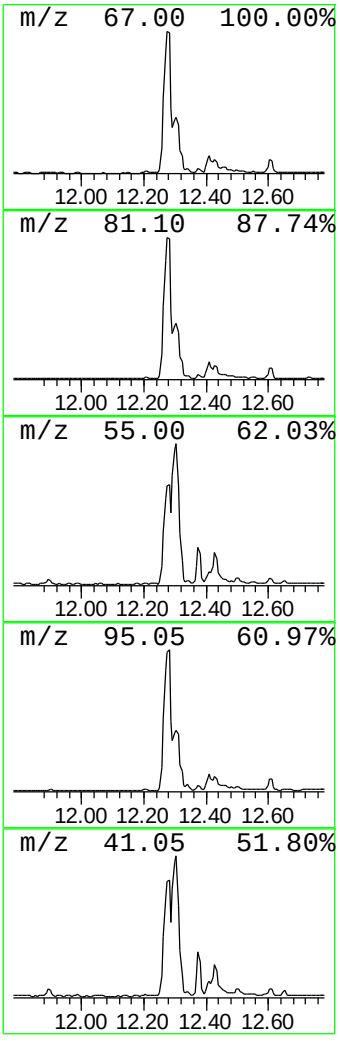
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	126.67 ng	16622600	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





Library Search Compound Report

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Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

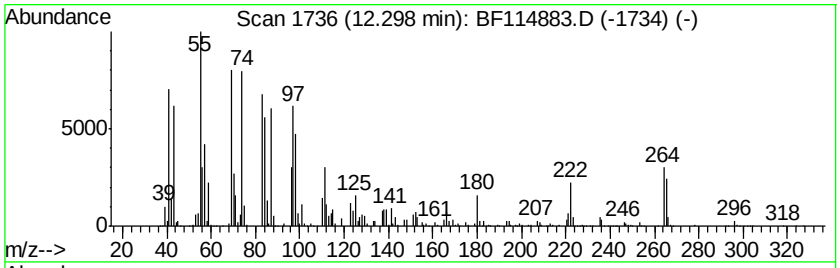
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

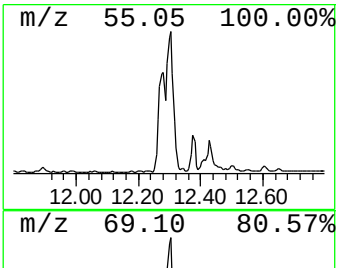
****

Peak Number 7 6-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	136.25 ng	17878800	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	81
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

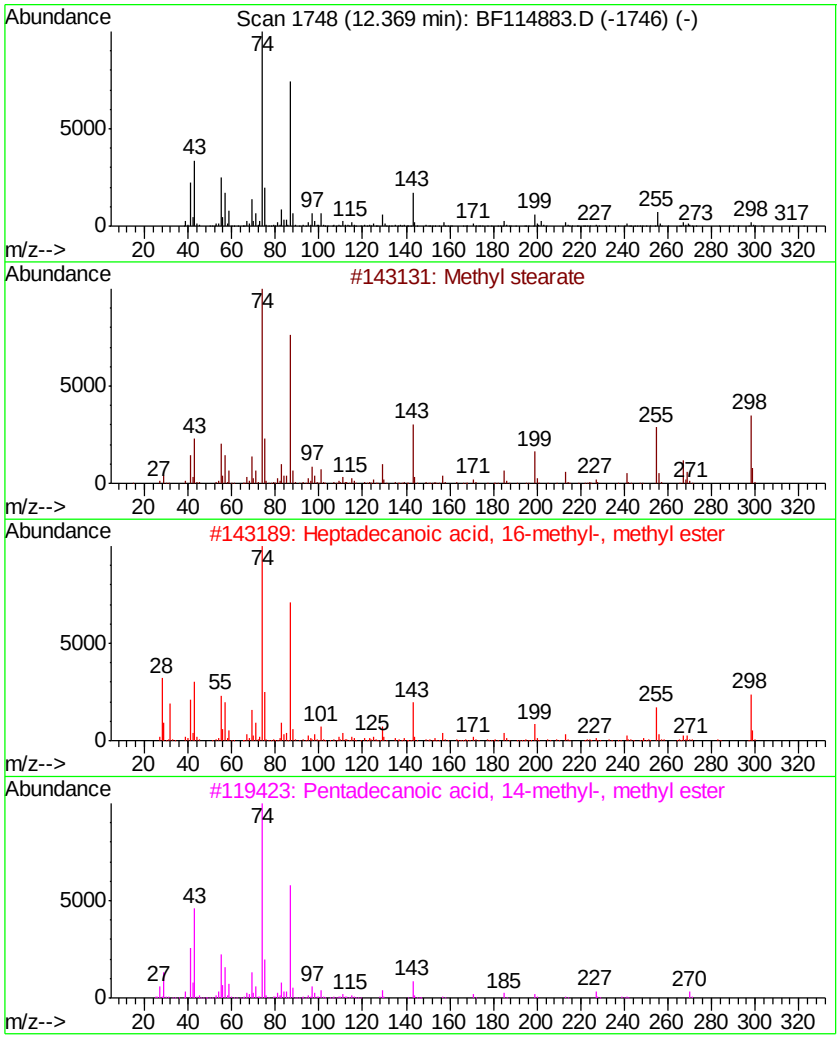
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

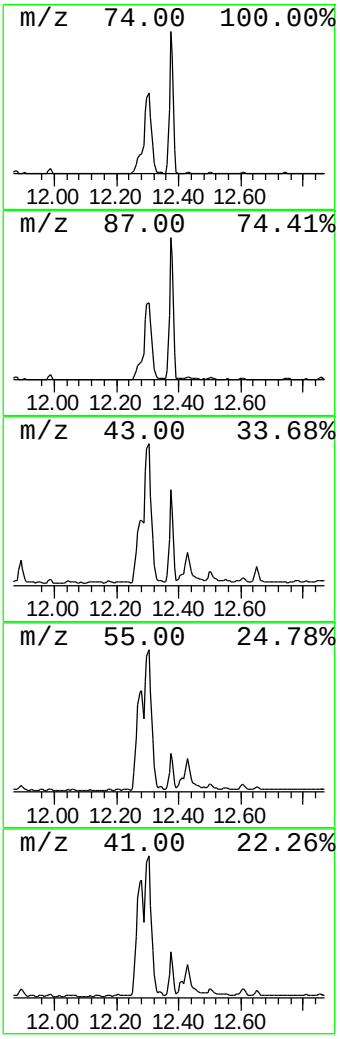
****

Peak Number 8 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	31.12 ng	4083520	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

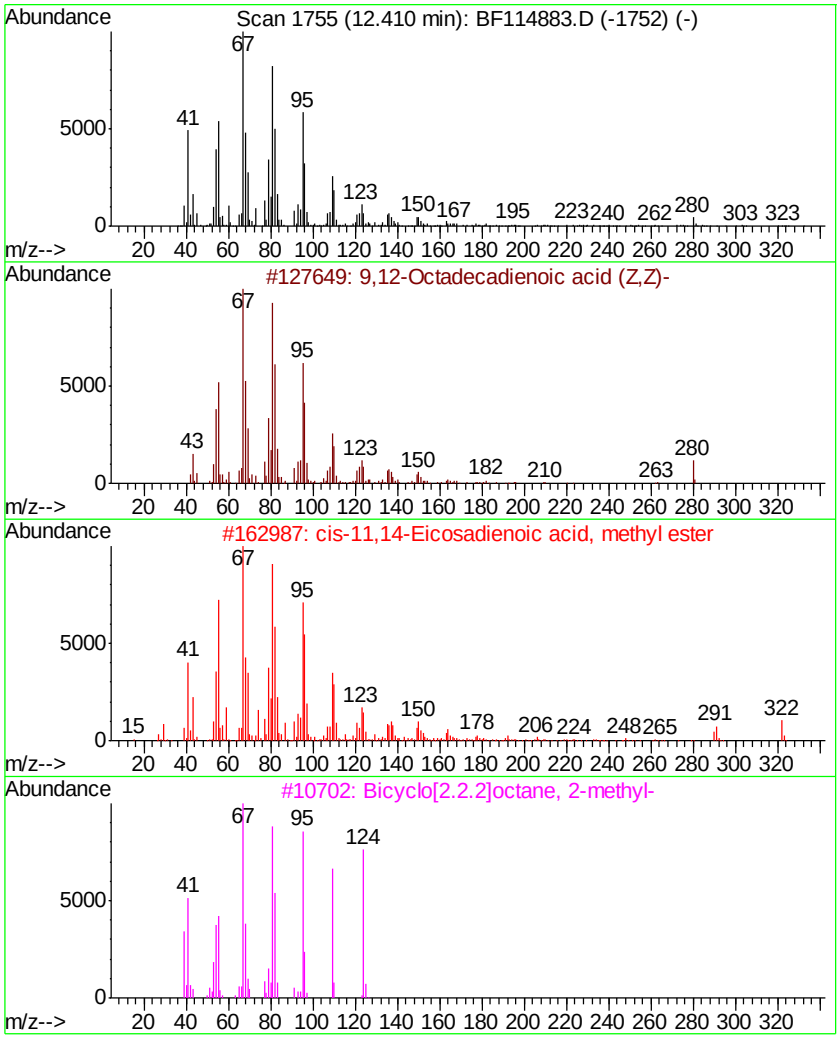
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

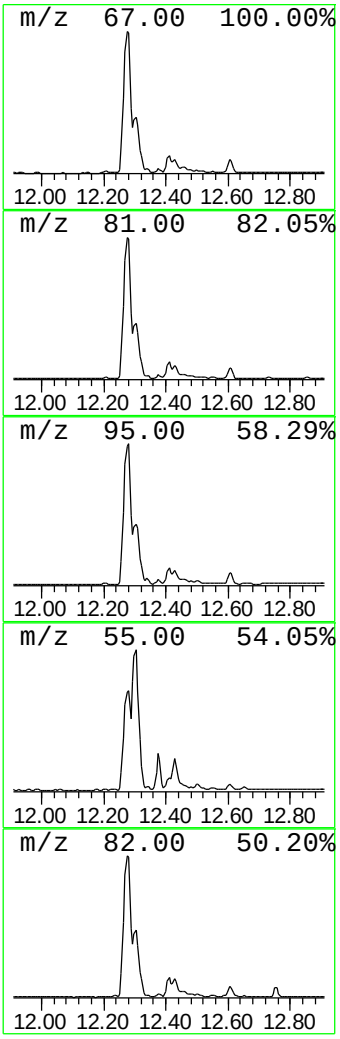
****

Peak Number 9 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	9.25 ng	1213520	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1000333-61-8	87
3	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	87
5	3-Tetradecyne	194	C14H26	060212-32-0	78





Library Search Compound Report

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Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

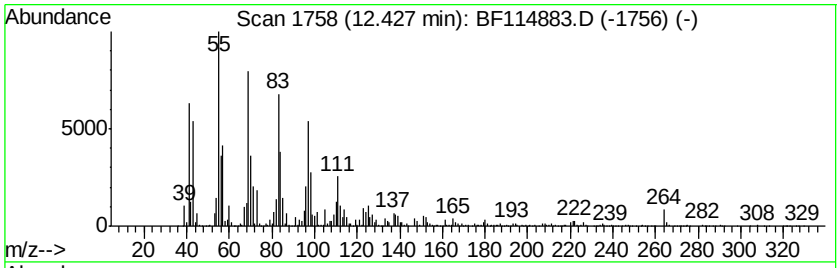
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

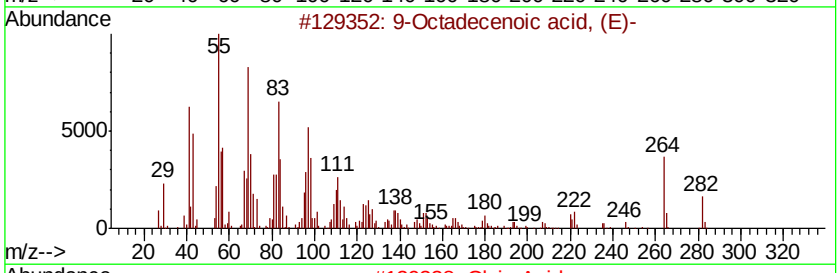
****

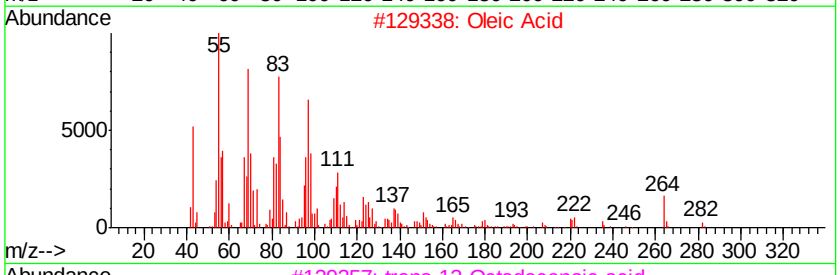
Peak Number 10 9-Octadecenoic acid, (E)- Concentration Rank 7

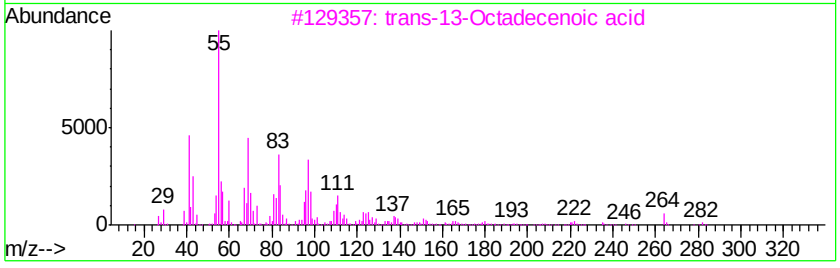
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	24.40 ng	3202190	Phenanthrene-d10	11.17

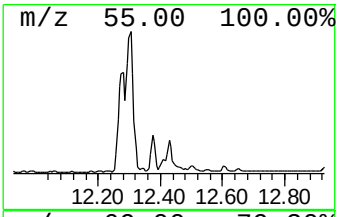
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	97
2	Oleic Acid	282	C18H34O2	000112-80-1	87
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	80
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	60
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	51

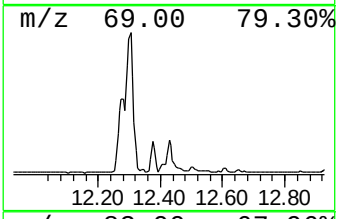


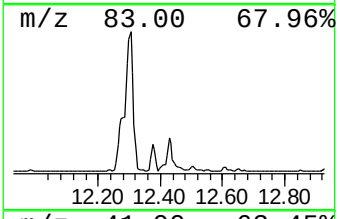


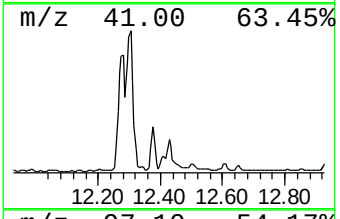


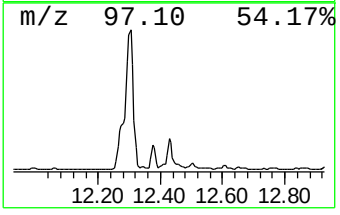












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Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

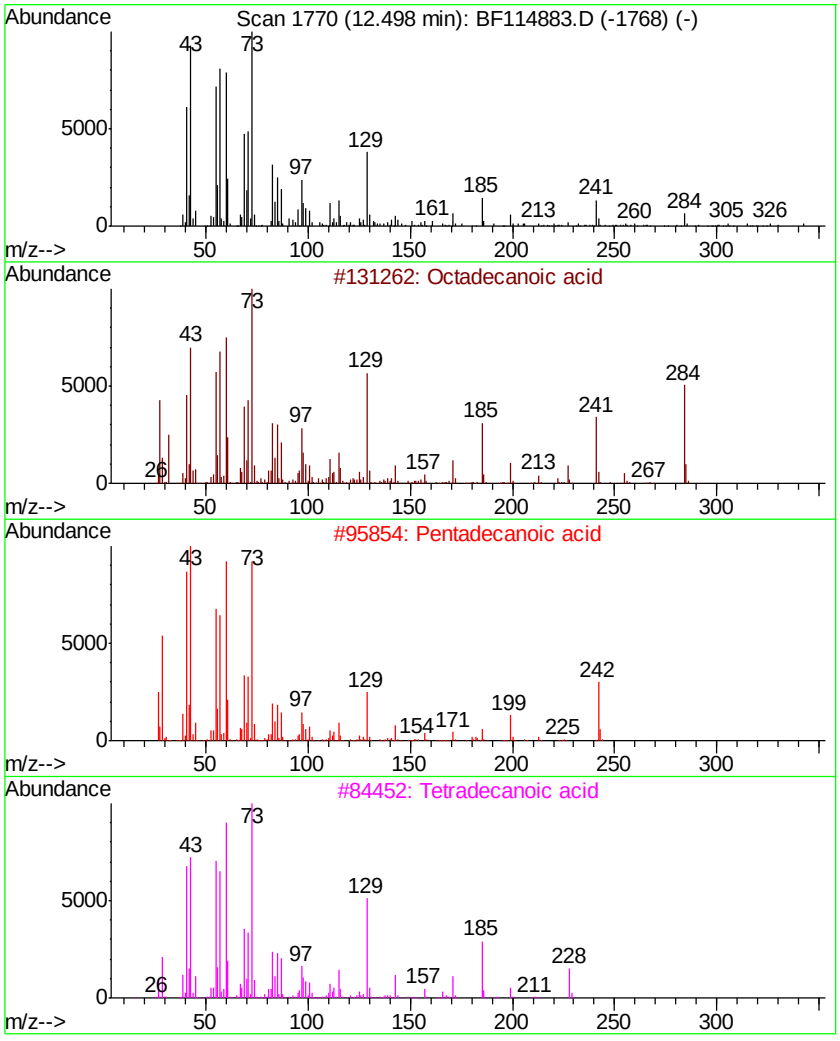
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

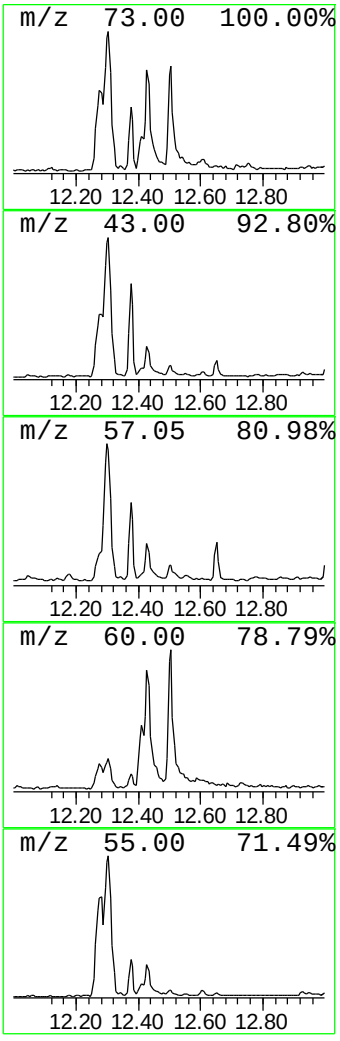
****

Peak Number 11 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.49 ng	572989	Chrysene-d12	13.79

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	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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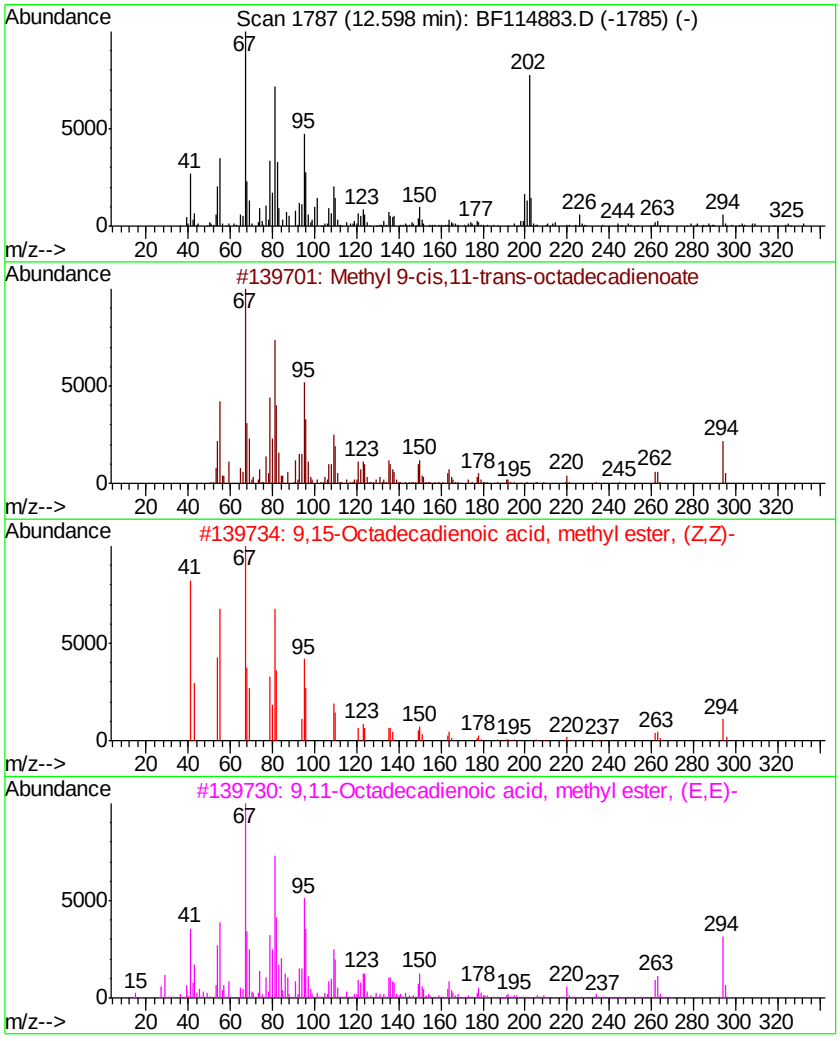
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

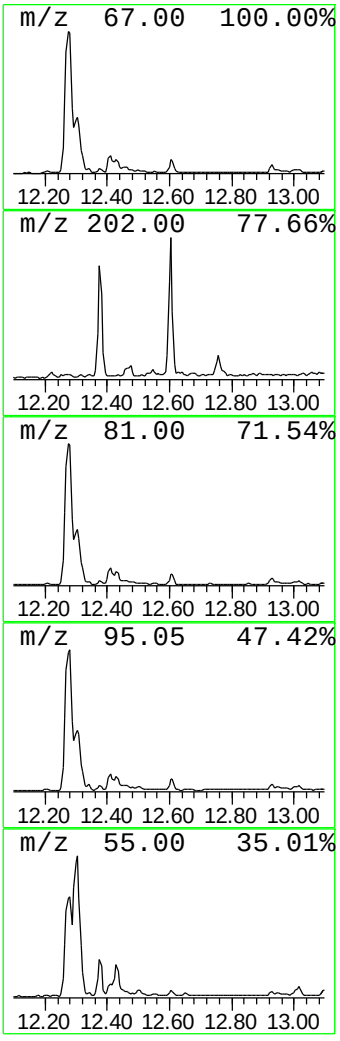
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Methyl 9-cis,11-trans-octad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	8.50 ng	886654	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	95
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	94
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	90
5	n-Propyl 9,12-octadecadienoate	322	C21H38O2	1000336-77-8	81





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Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

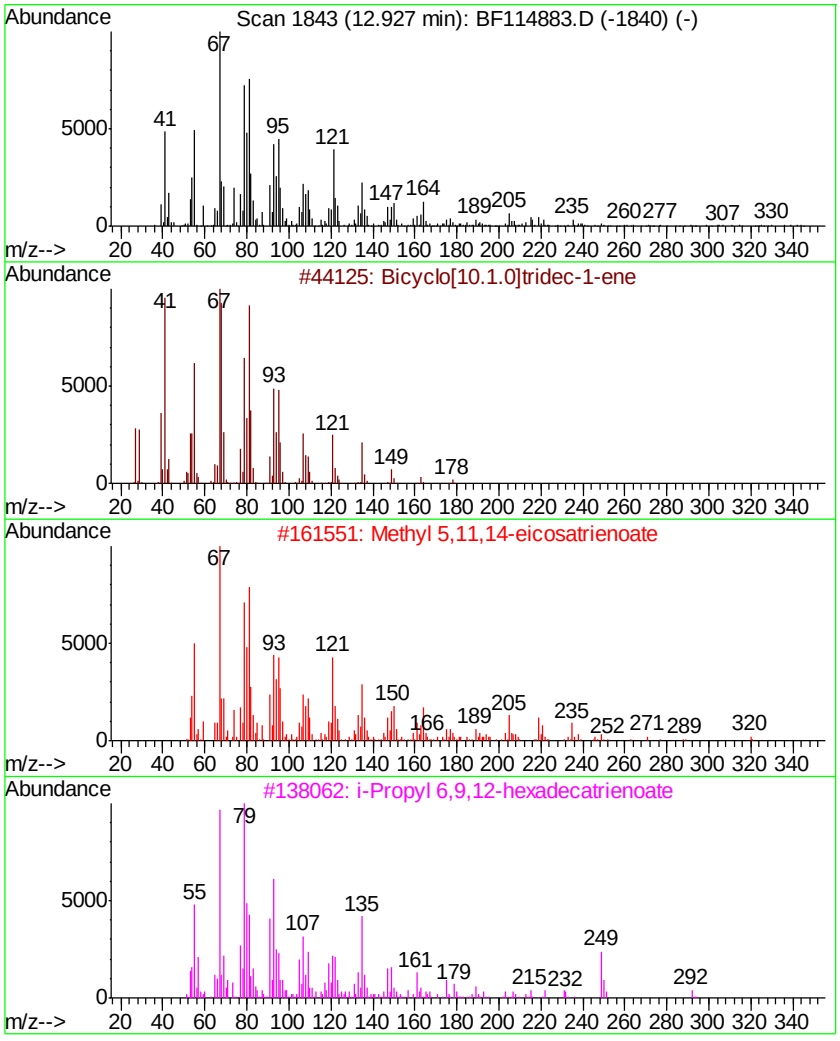
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

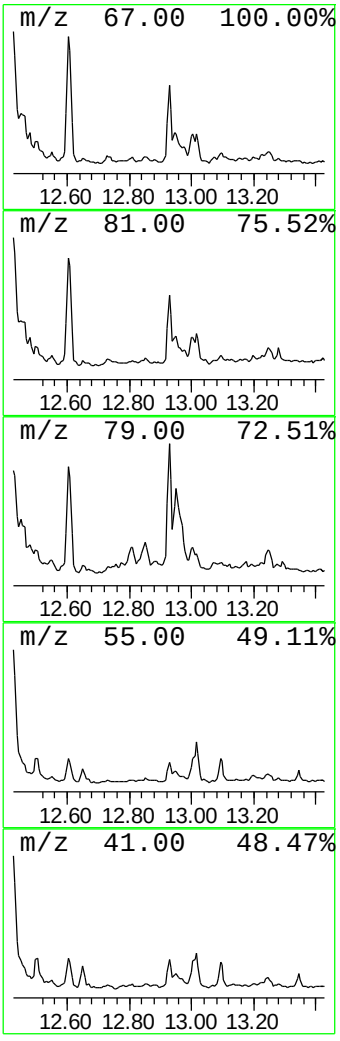
****

Peak Number 13 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	6.10 ng	636003	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	94
2	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
3	i-Propyl 6,9,12-hexadecatrienoate	292	C19H32O2	1000336-78-1	91
4	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	83
5	(7R,8S)-cis-anti-cis-7,8-Epoxytr...	178	C12H18O	073285-35-5	68





Library Search Compound Report

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Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

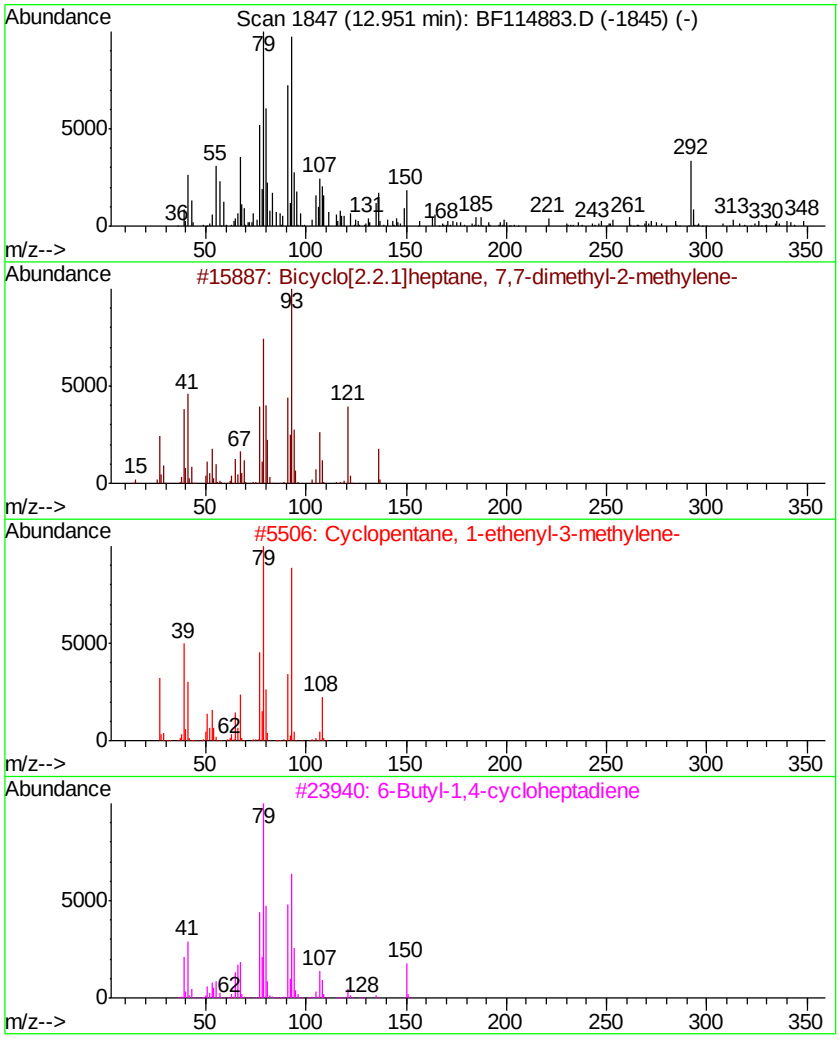
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

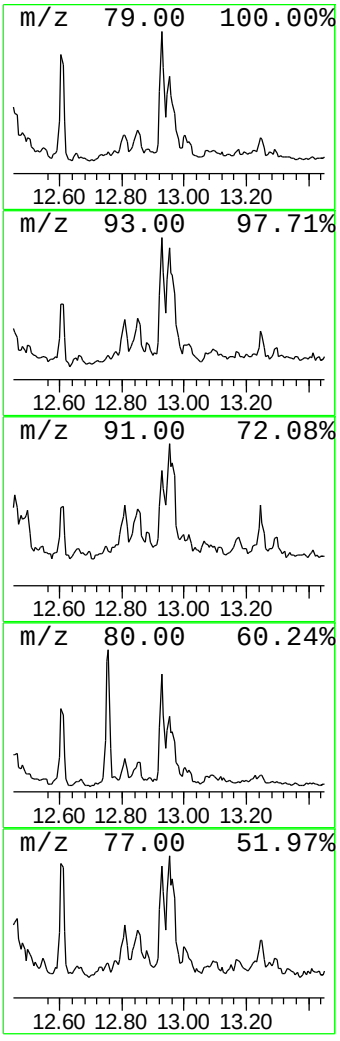
****

Peak Number 14 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	5.73 ng	597531	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	74
2	Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	64
3	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	62
4	7-Pentadecen-5-yne, (Z)-	206	C15H26	074744-49-3	59
5	Dispiro[2.1.2.1]octane	108	C8H12	025399-32-0	59





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Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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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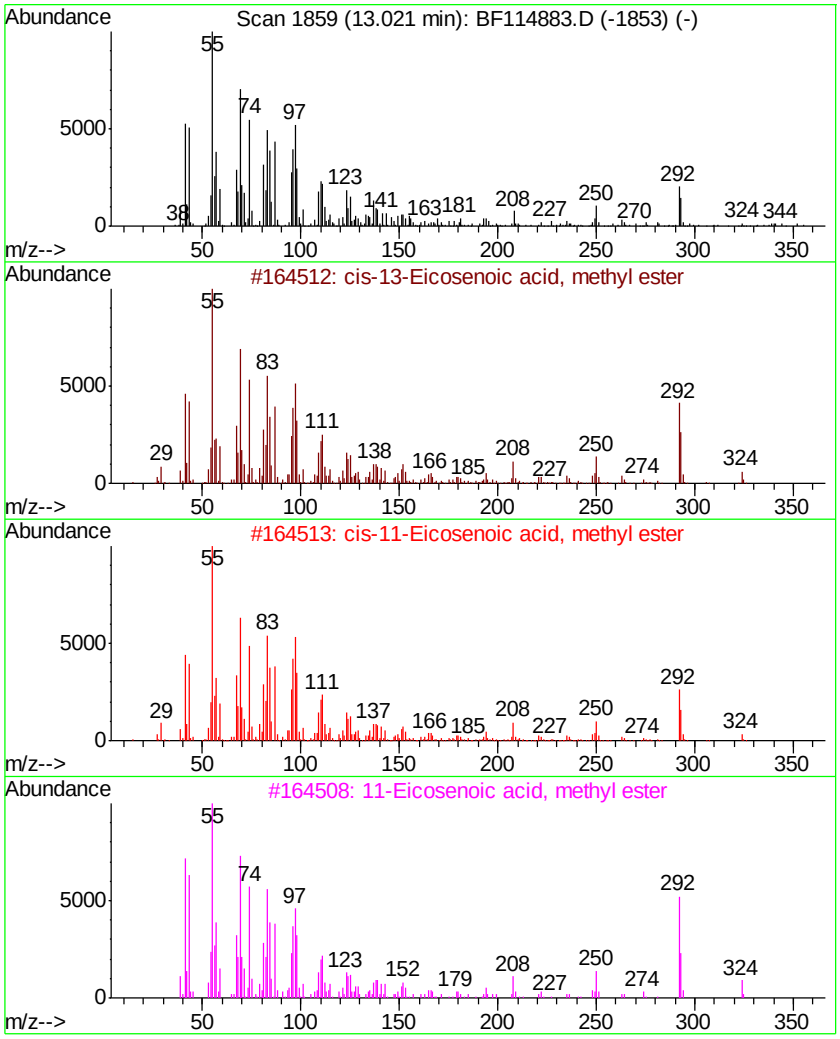
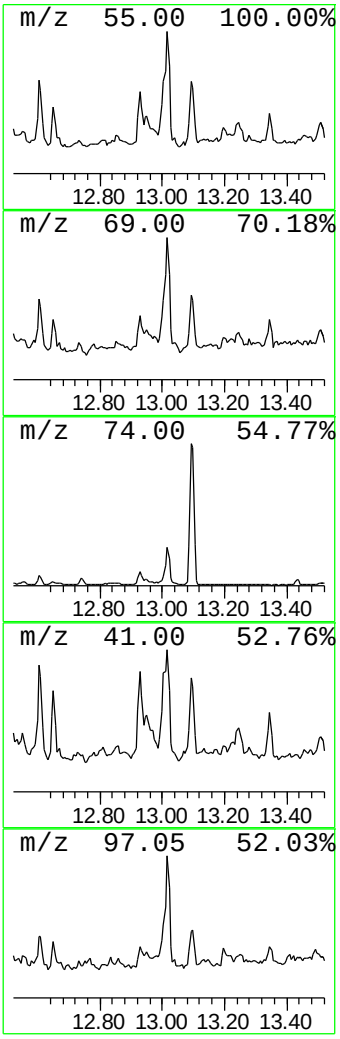
Peak Number 15 cis-13-Eicosenoic acid, met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	11.23 ng	1171330	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	Methyl 5-eicosenoate	324	C21H40O2	1000336-48-3	92





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Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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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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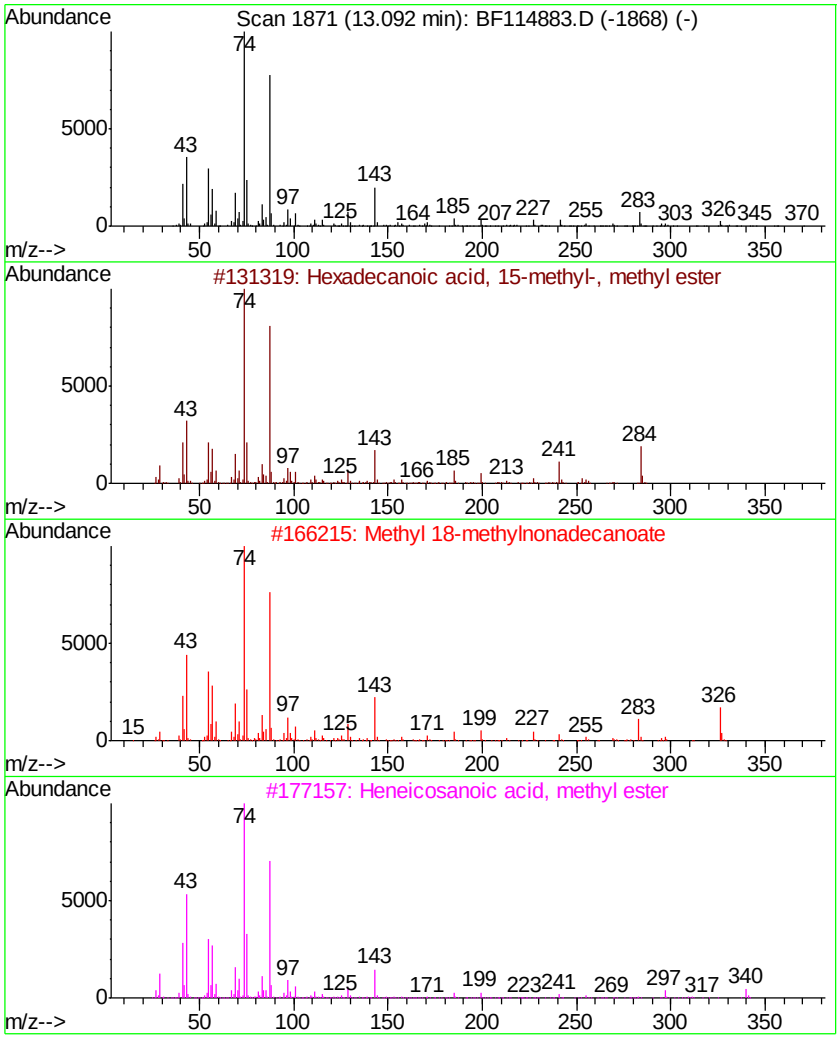
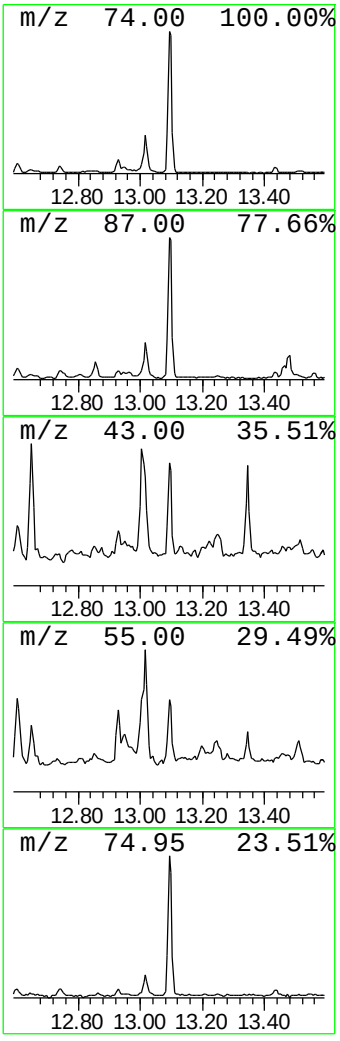
Peak Number 16 Hexadecanoic acid, 15-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.30 ng	552917	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	94
3	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	91
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
5	Methyl stearate	298	C19H38O2	000112-61-8	90





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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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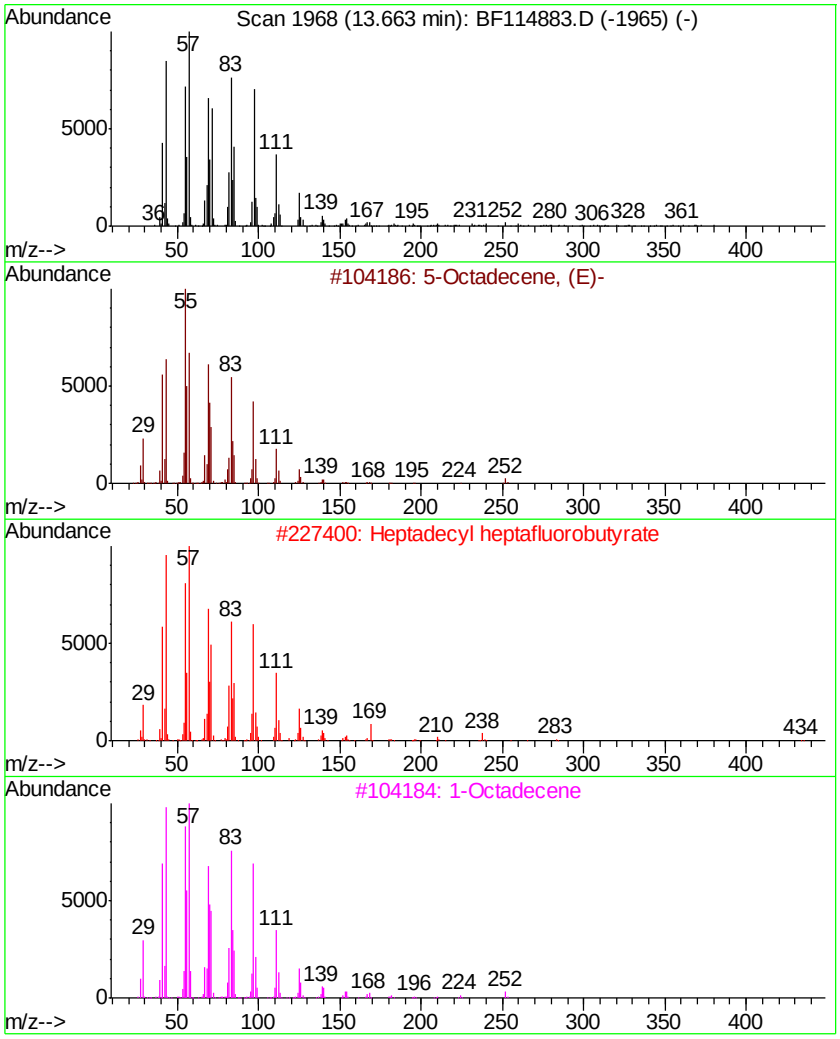
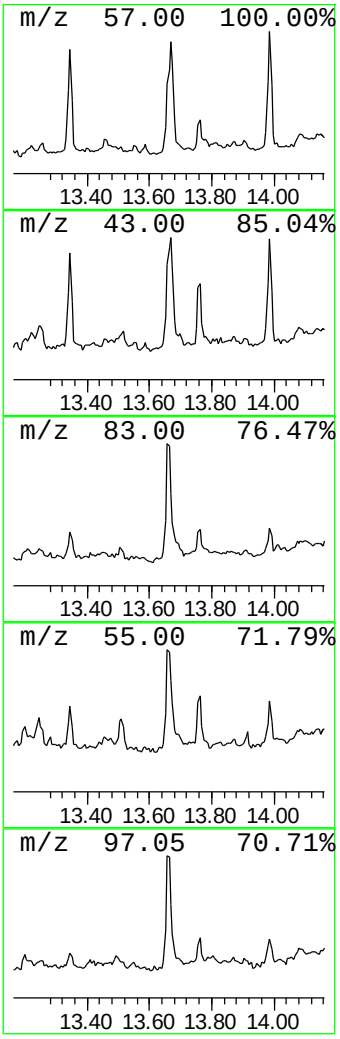
Peak Number 17 5-Octadecene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	6.39 ng	666117	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	1-Octadecene	252	C18H36	000112-88-9	92
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

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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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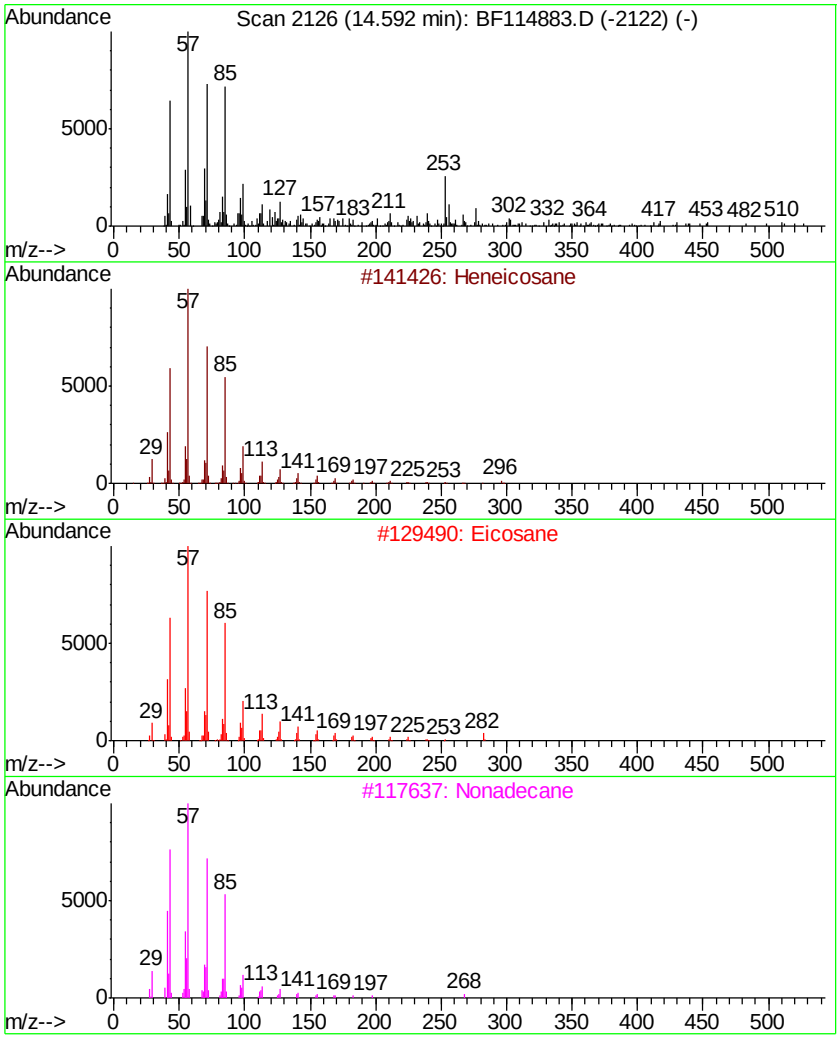
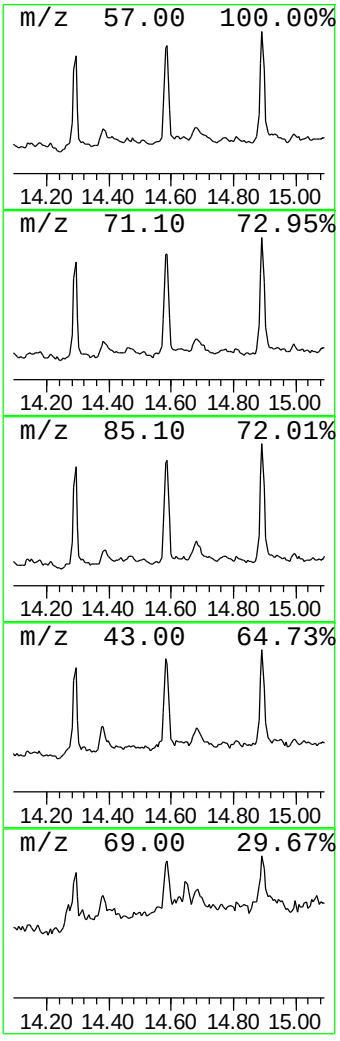
Peak Number 18 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	5.52 ng	434441	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	91





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TIC Library : C:\DATABASE\NIST11.L
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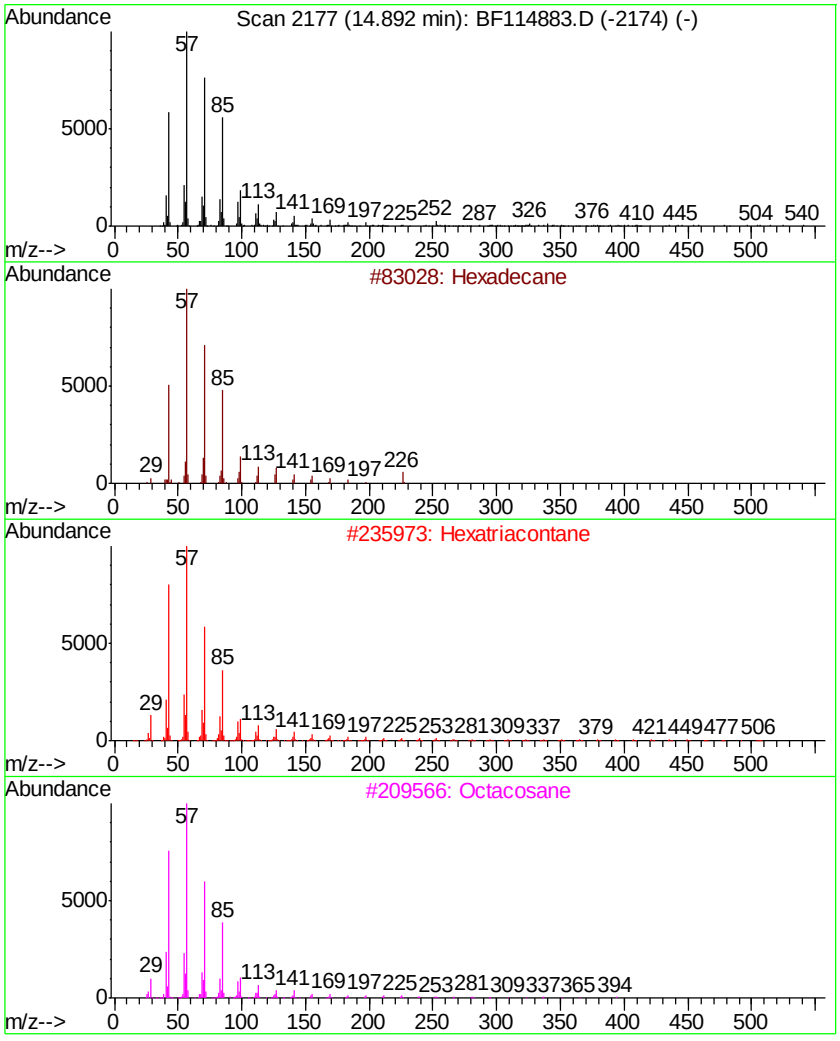
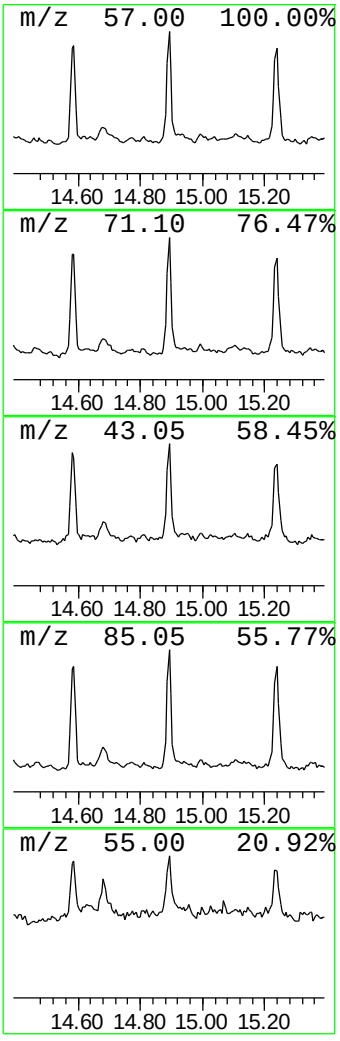
Peak Number 19 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	6.42 ng	504828	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

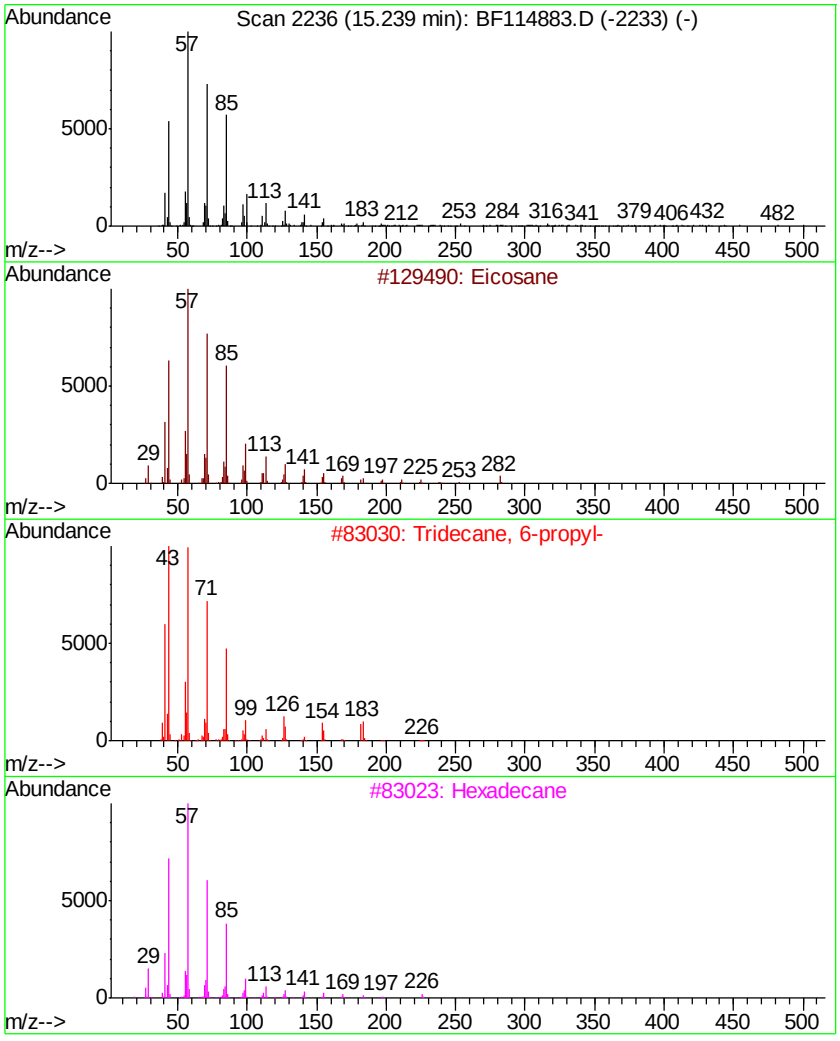
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

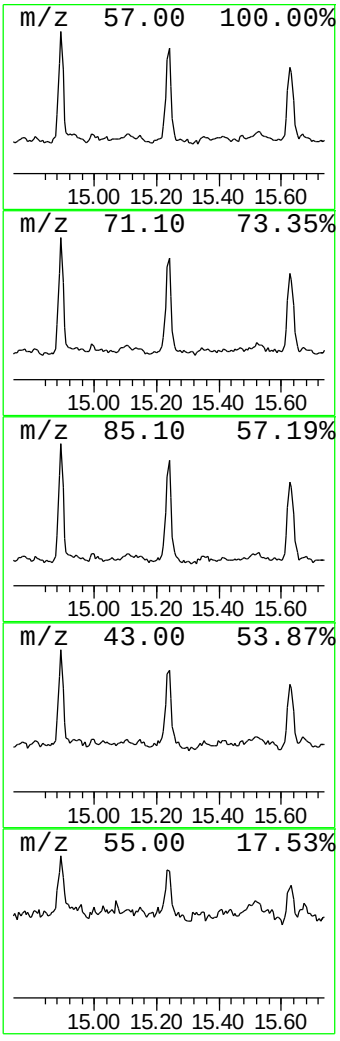
****

Peak Number 20 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	5.78 ng	454373	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-060519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
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
unknown6.44	6.44	40.7	ng	4633870	1	6.67	2278190	20.0
Heptadecane	10.62	7.1	ng	935141	4	11.17	2624500	20.0
Hexadecanoic acid...	11.59	62.2	ng	8161940	4	11.17	2624500	20.0
n-Hexadecanoic acid	11.72	10.6	ng	1384530	4	11.17	2624500	20.0
9,12-Octadecadien...	12.28	126.7	ng	16622600	4	11.17	2624500	20.0
6-Octadecenoic ac...	12.30	136.3	ng	17878800	4	11.17	2624500	20.0
Methyl stearate	12.37	31.1	ng	4083520	4	11.17	2624500	20.0
9,12-Octadecadien...	12.41	9.3	ng	1213520	4	11.17	2624500	20.0
9-Octadecenoic ac...	12.43	24.4	ng	3202190	4	11.17	2624500	20.0
Octadecanoic acid	12.50	5.5	ng	572989	5	13.79	2085900	20.0
Methyl 9-cis,11-t...	12.60	8.5	ng	886654	5	13.79	2085900	20.0
Bicyclo[10.1.0]tr...	12.93	6.1	ng	636003	5	13.79	2085900	20.0
Bicyclo[2.2.1]hep...	12.95	5.7	ng	597531	5	13.79	2085900	20.0
cis-13-Eicosenoic...	13.02	11.2	ng	1171330	5	13.79	2085900	20.0
Hexadecanoic acid...	13.09	5.3	ng	552917	5	13.79	2085900	20.0
5-Octadecene, (E)-	13.66	6.4	ng	666117	5	13.79	2085900	20.0
Heneicosane	14.59	5.5	ng	434441	6	15.18	1573570	20.0
Hexadecane	14.89	6.4	ng	504828	6	15.18	1573570	20.0
Eicosane	15.24	5.8	ng	454373	6	15.18	1573570	20.0