LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116344.D
Acq On : 17 Aug 2019 3:30
Operator : HP/JU
Sample : K3616-15 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-081519-C

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-BF073019.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	3.887	300	306	312	rBV	4753	11028	1.01%	0.118%
2	5.487	575	578	600	rBV2	25342	96008	8.76%	1.031%
3	6.492	746	749	764	rBV	40368	121729	11.11%	1.308%
4	6.610	766	769	778	rVB	91459	147767	13.49%	1.587%
5	6.816	801	804	822	rBV	769164	746698	68.16%	8.022%
6	6.981	828	832	847	rBV	99716	131287	11.98%	1.410%
7	7.410	902	905	919	rBV2	28540	76599	6.99%	0.823%
8	8.098	1018	1022	1048	rBV	947155	1004834	91.72%	10.795%
9	9.175	1202	1205	1214	rBV	155205	195170	17.81%	2.097%
10	9.569	1267	1272	1276	rBV2	28867	38358	3.50%	0.412%
11	9.845	1316	1319	1329	rBV	1084784	1095576	100.00%	11.769%
12	10.098	1359	1362	1365	rBV3	12514	14323	1.31%	0.154%
13	10.174	1371	1375	1380	rBV7	6917	14932	1.36%	0.160%
14	10.274	1389	1392	1395	rBV	20499	15749	1.44%	0.169%
15	10.492	1423	1429	1436	rBV	26292	44424	4.05%	0.477%
16	10.651	1453	1456	1465	rBV2	52236	78695	7.18%	0.845%
17	10.745	1469	1472	1479	rVB2	52572	83981	7.67%	0.902%
18	10.974	1506	1511	1514	rVB6	14345	21005	1.92%	0.226%
19	11.192	1545	1548	1551	rBV	60426	54343	4.96%	0.584%
20	11.221	1551	1553	1559	rVB	58303	58357	5.33%	0.627%
21	11.333	1569	1572	1588	rBV	951512	1012943	92.46%	10.882%
22	11.568	1610	1612	1615	rBV4	15169	13425	1.23%	0.144%
23	11.616	1617	1620	1624	rVB	67948	51866	4.73%	0.557%
24	11.663	1626	1628	1634	rVB4	8458	12750	1.16%	0.137%
25	11.716	1634	1637	1643	rVB	156777	133835	12.22%	1.438%
26	11.857	1658	1661	1663	rBV4	26385	27706	2.53%	0.298%
27	12.021	1686	1689	1694	rVB	66458	53087	4.85%	0.570%
28	12.304	1735	1737	1742	rVB3	11565	12930	1.18%	0.139%
29	12.398	1750	1753	1755	rBV	292991	316364	28.88%	3.399%
30	12.421	1755	1757	1760	rVB	869922	645986	58.96%	6.940%
31	12.504	1769	1771	1777	rVB	136028	130749	11.93%	1.405%
32	12.563	1777	1781	1785	rBV3	40327	66472	6.07%	0.714%
33	12.745	1809	1812	1815	rVB3	24128	23689	2.16%	0.254%
34	12.780	1815	1818	1825	rVB2	64466	65439	5.97%	0.703%

LSC Area Percent Report

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Sample : K3616-15 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-081519-C

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.910	1835	1840	1844	rBV	178219	188402	17.20%	2.024%
36	12.945	1844	1846	1850	rVB4	22524	19856	1.81%	0.213%
37	13.027	1857	1860	1864	rVB5	30720	27813	2.54%	0.299%
38	13.063	1864	1866	1868	rBV3	19960	16487	1.50%	0.177%
39	13.086	1868	1870	1876	rVB5	27808	35345	3.23%	0.380%
40	13.133	1876	1878	1880	rBV	36622	33626	3.07%	0.361%
41	13.227	1889	1894	1898	rBV2	29656	37912	3.46%	0.407%
42	13.339	1910	1913	1918	rBV2	35221	37369	3.41%	0.401%
43	13.474	1933	1936	1942	rVB	38753	36588	3.34%	0.393%
44	13.804	1988	1992	1994	rBV2	37852	43090	3.93%	0.463%
45	13.833	1994	1997	2003	rVB2	33618	48977	4.47%	0.526%
46	13.898	2003	2008	2012	rBV4	27491	46456	4.24%	0.499%
47	13.974	2018	2021	2034	rVB	732520	765518	69.87%	8.224%
48	14.121	2043	2046	2049	rVB	33428	30463	2.78%	0.327%
49	14.421	2094	2097	2101	rBV	48611	49367	4.51%	0.530%
50	14.509	2110	2112	2116	rBV5	16692	21794	1.99%	0.234%
51	14.721	2145	2148	2151	rBV	56128	51349	4.69%	0.552%
52	15.051	2201	2204	2210	rVB	55246	63973	5.84%	0.687%
53	15.433	2263	2269	2283	rVB	578226	866387	79.08%	9.307%
54	15.833	2334	2337	2342	rVB	52651	77088	7.04%	0.828%
55	16.080	2376	2379	2386	rVB3	39792	63491	5.80%	0.682%
56	16.321	2417	2420	2428	rVB3	47840	79567	7.26%	0.855%
57	17.562	2628	2631	2637	rVB5	26836	49668	4.53%	0.534%

Sum of corrected areas: 9308690

LSC Report - Integrated Chromatogram

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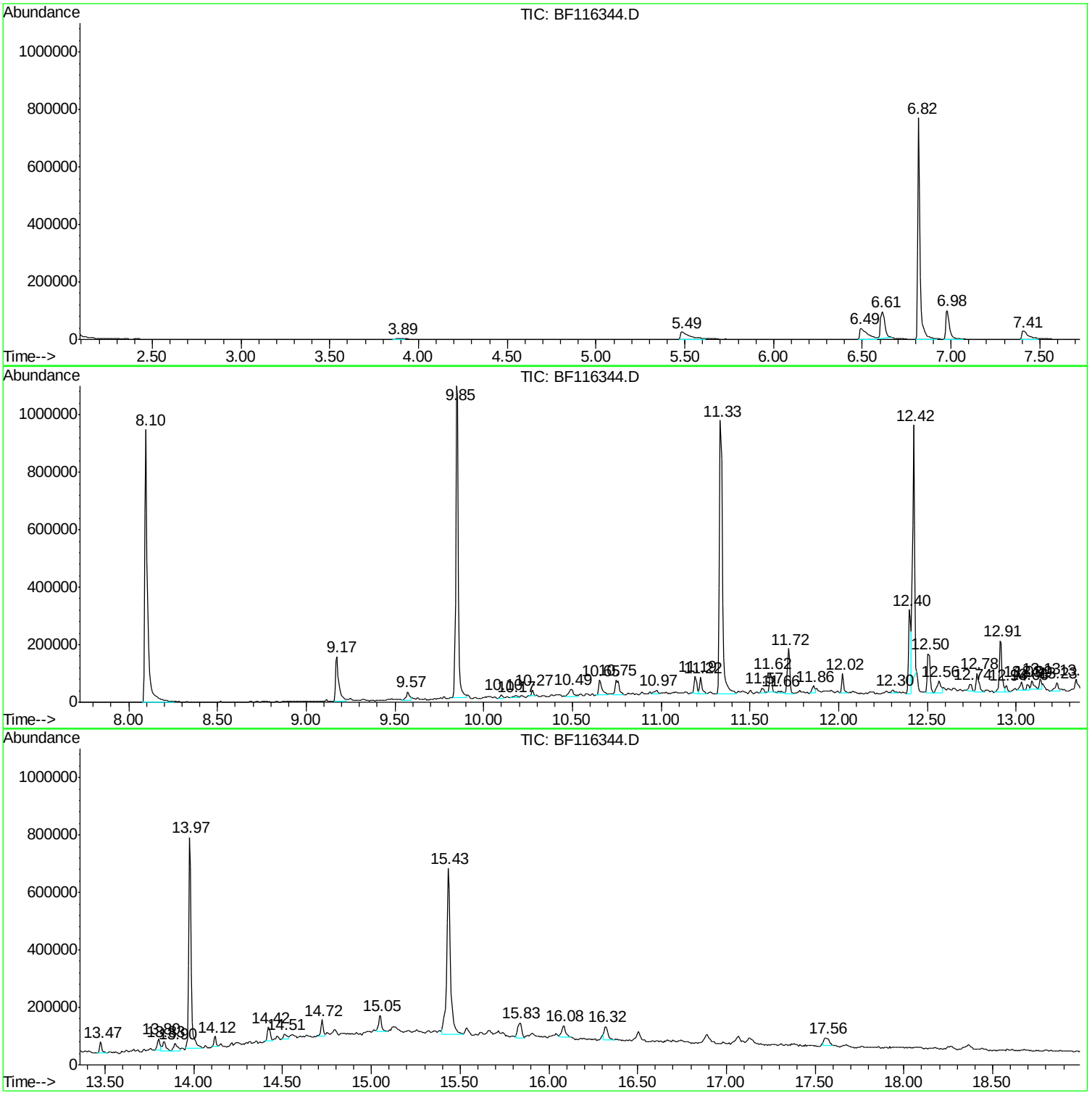
Sample : K3616-15 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-081519-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
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ClientSampleId : JC-03-081519-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

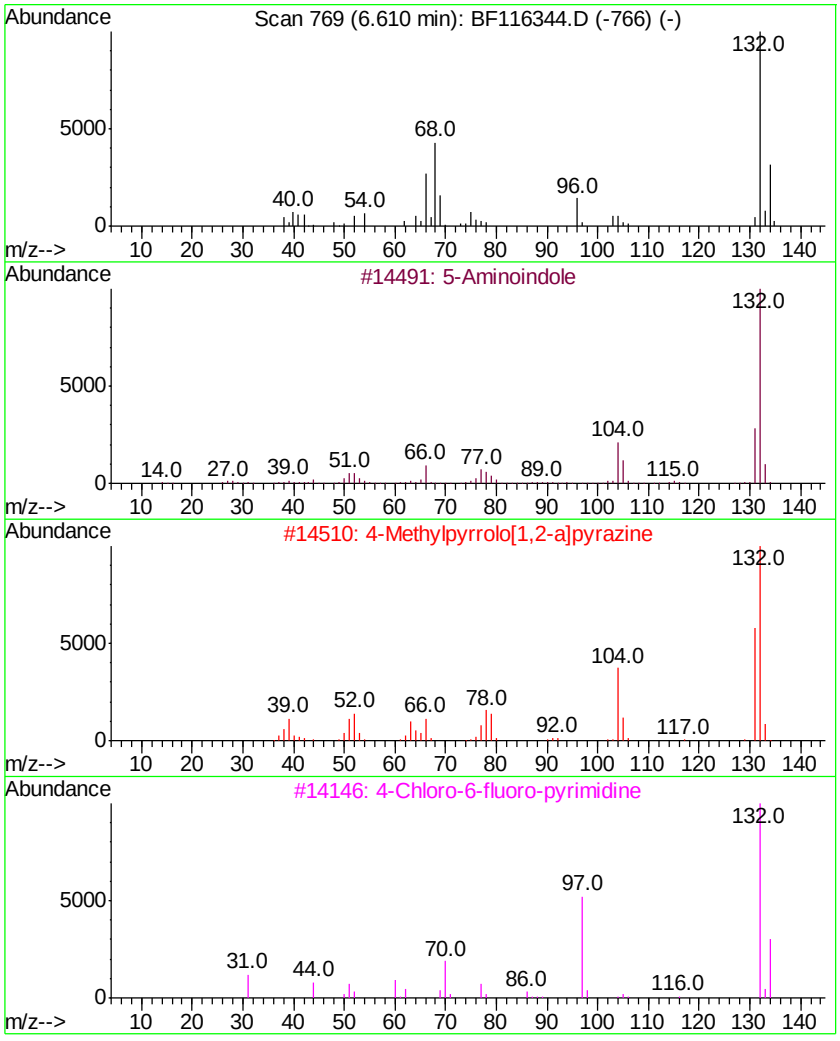
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

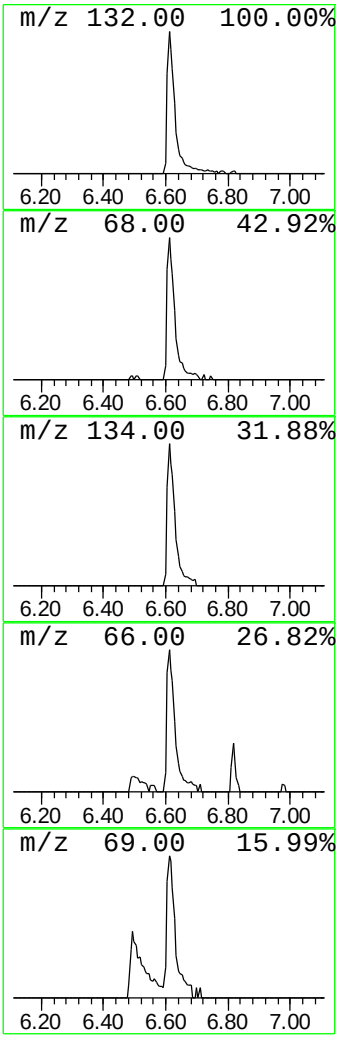
****

Peak Number 1 unknown6.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.96 ng	147767	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	10
2	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : JC-03-081519-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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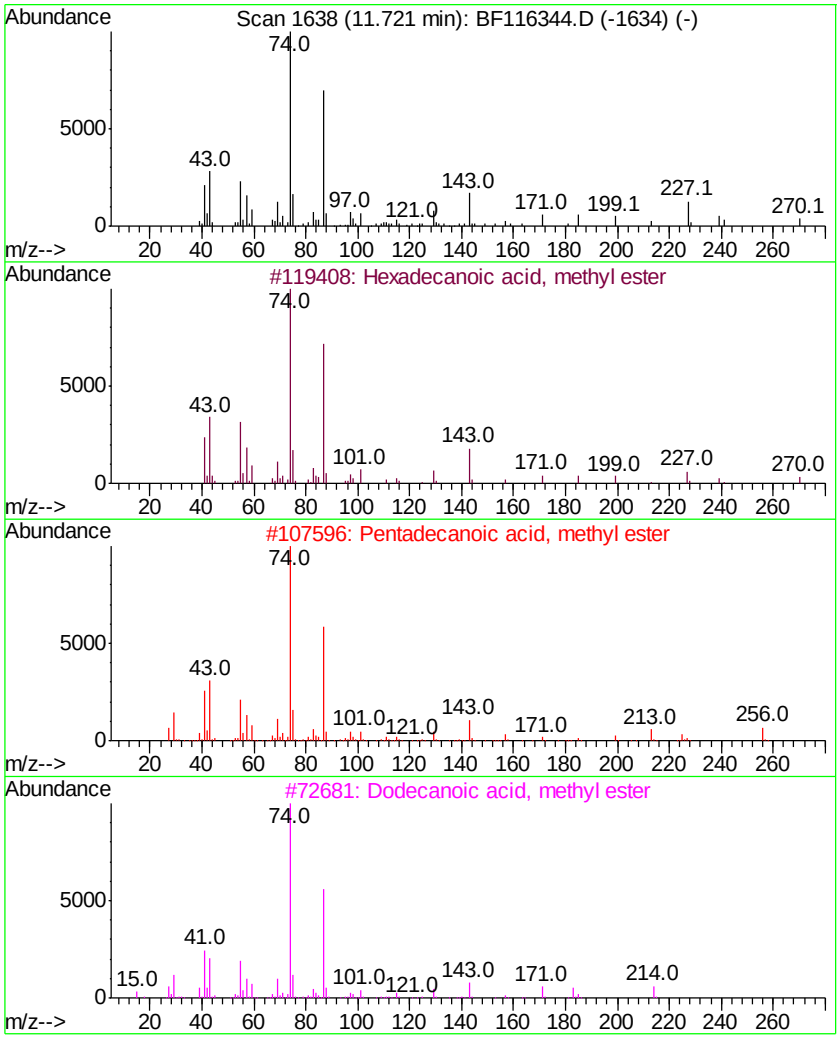
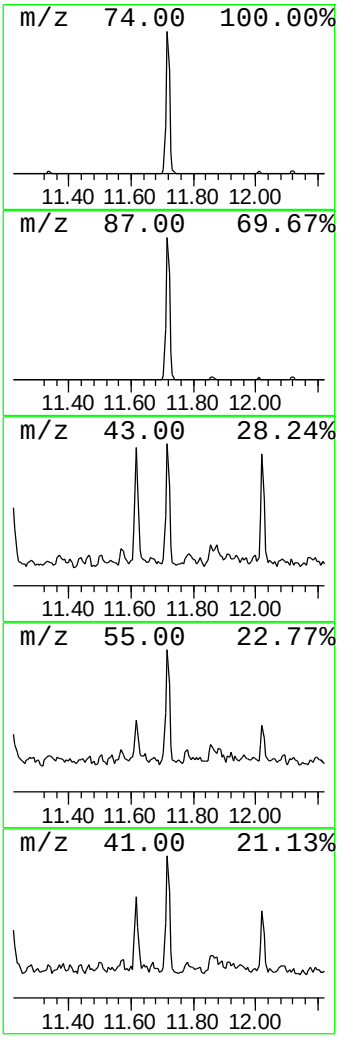
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.64 ng	133835	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Library Search Compound Report

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Operator : HP/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

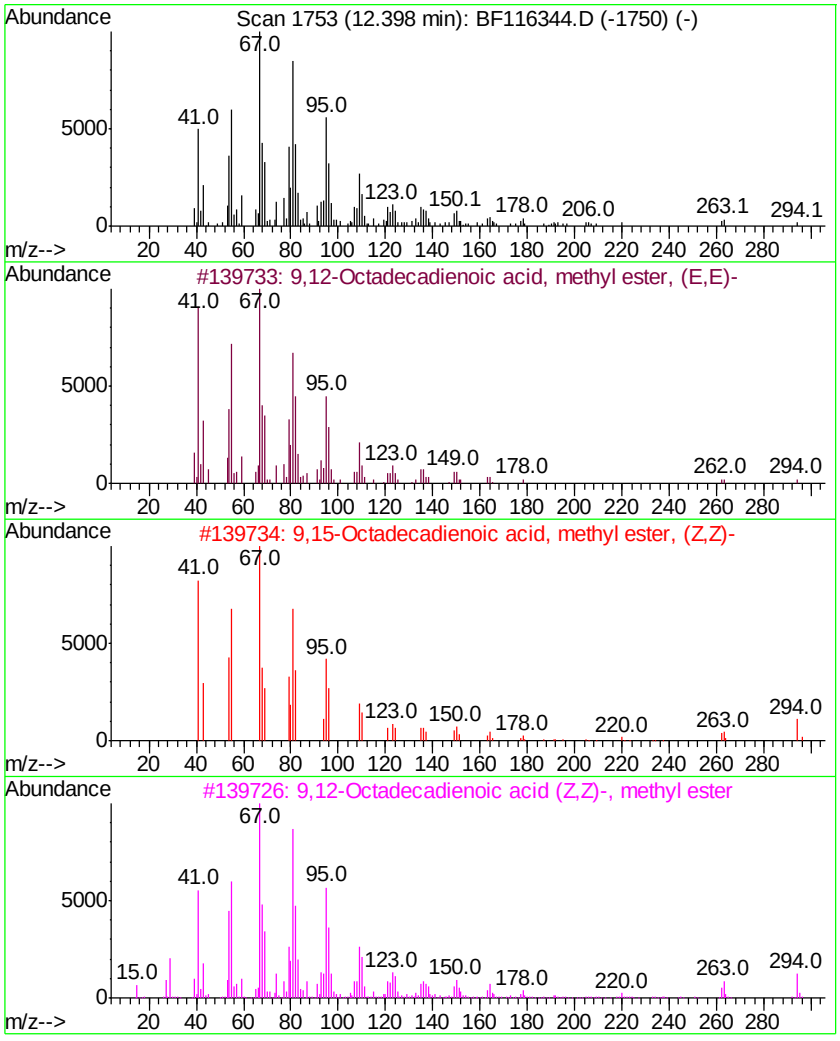
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

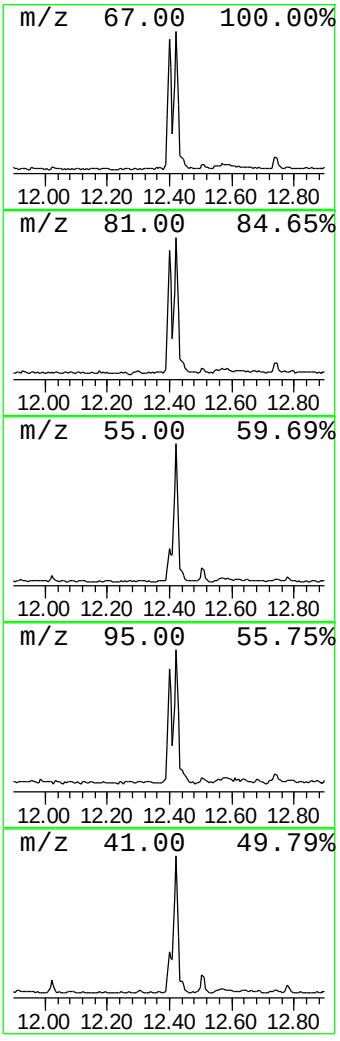
****

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	6.25 ng	316364	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-081519-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

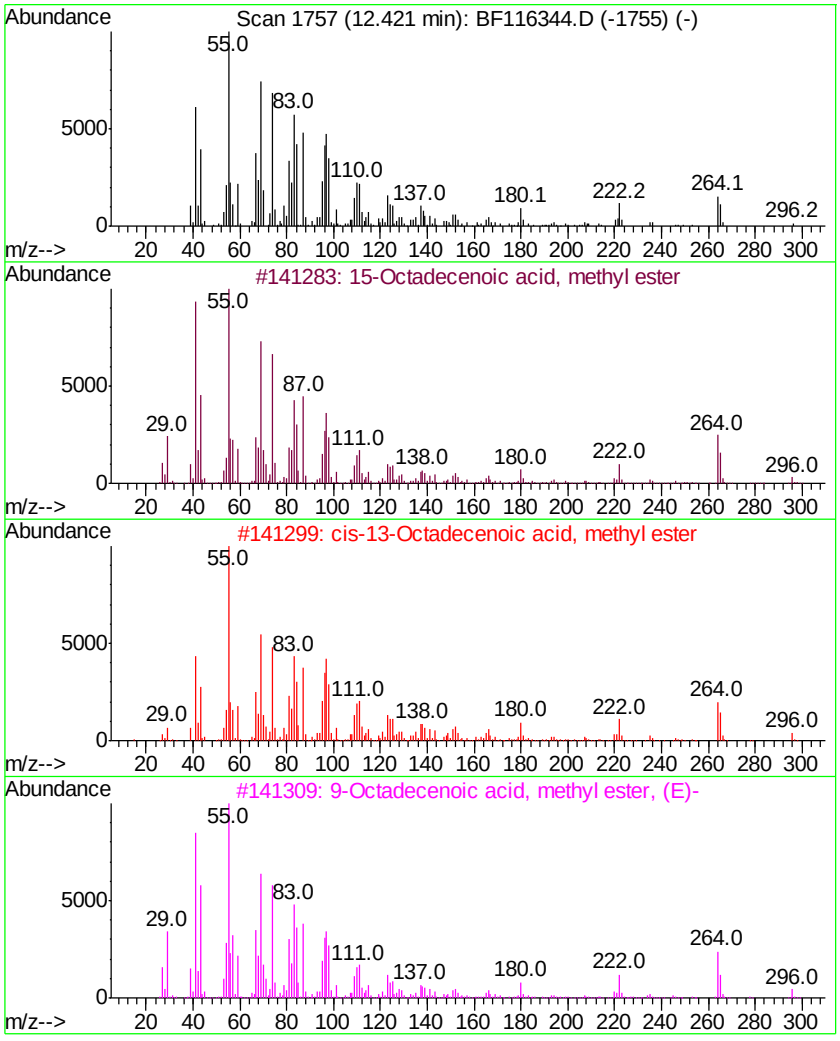
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

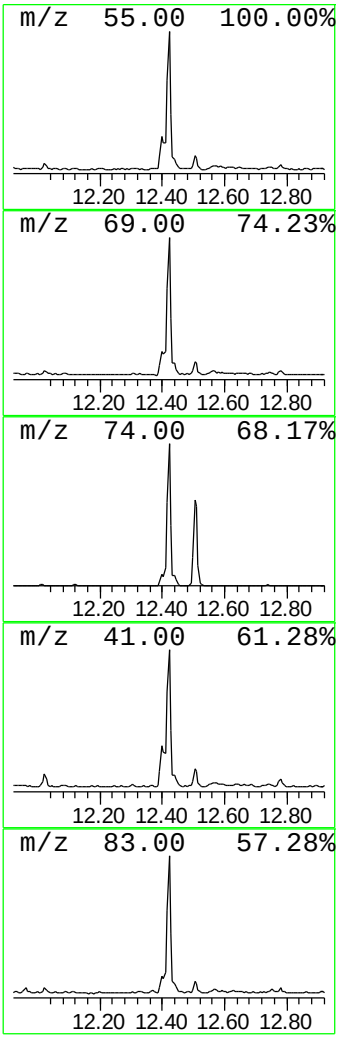
****

Peak Number 5 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	12.75 ng	645986	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	99
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

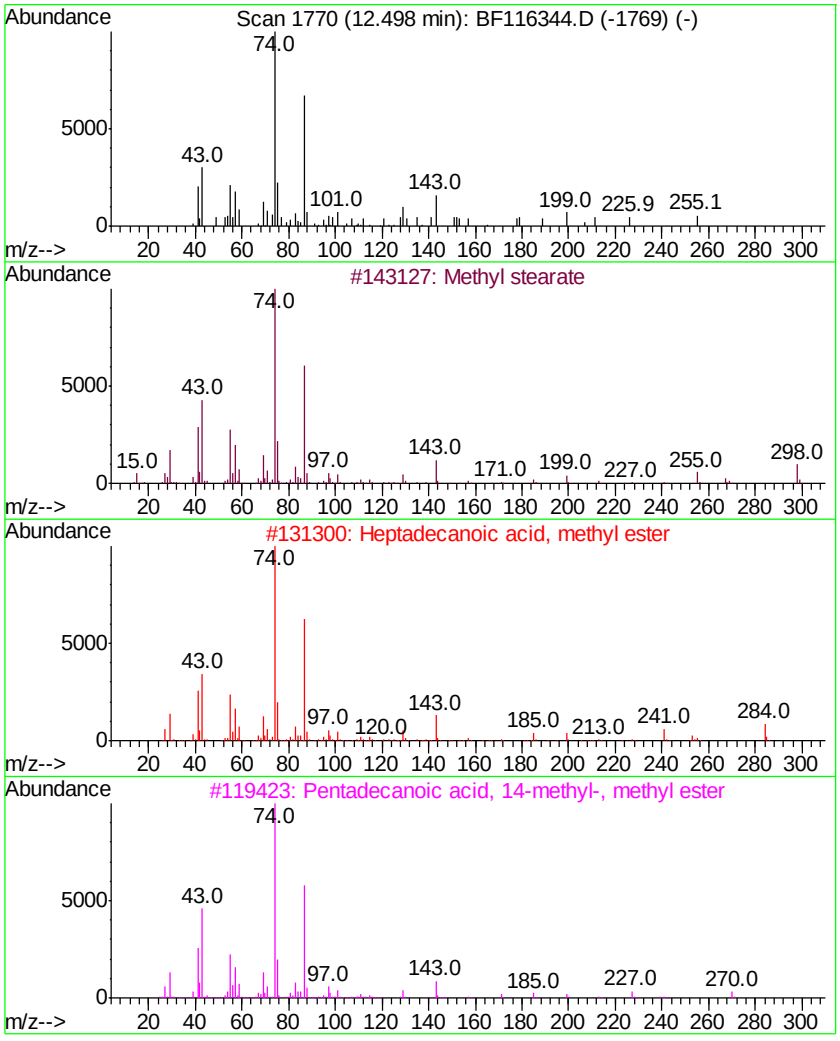
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

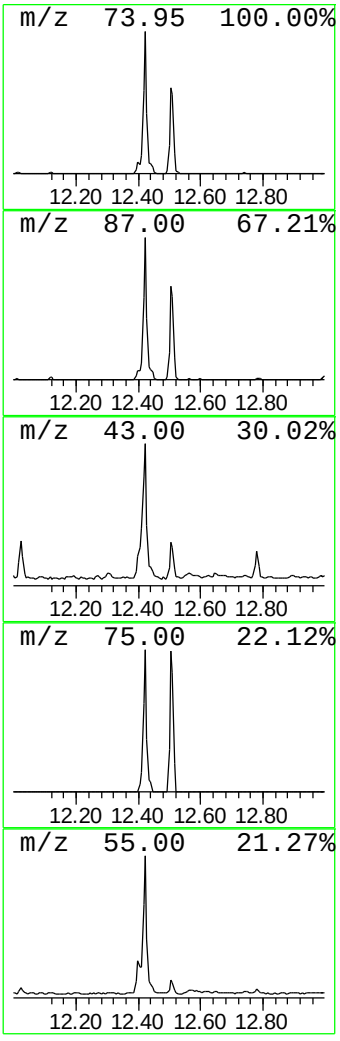
****

Peak Number 6 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.58 ng	130749	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90





Tentatively Identified Compound (LSC) summary

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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-BF073019.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
unknown6.61	6.61	4.0	ng	147767	1	6.82	746698	20.0
Hexadecanoic acid...	11.72	2.6	ng	133835	4	11.33	1012940	20.0
9,12-Octadecadien...	12.40	6.3	ng	316364	4	11.33	1012940	20.0
15-Octadecenoic a...	12.42	12.8	ng	645986	4	11.33	1012940	20.0
Methyl stearate	12.50	2.6	ng	130749	4	11.33	1012940	20.0