LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016963.D
Acq On : 03 Oct 2018 05:07
Operator : MJ/SJ
Sample : J5126-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	31	35	39	rVB	1510811	1504500	31.12%	5.143%
2	7.710	796	803	812	rVB	1401868	2170157	44.88%	7.418%
3	7.934	837	841	847	rVB3	7917	10986	0.23%	0.038%
4	8.022	853	856	861	rVB2	3829	6859	0.14%	0.023%
5	8.210	881	888	891	rBV4	4523	8344	0.17%	0.029%
6	8.245	891	894	898	rVB5	5404	7633	0.16%	0.026%
7	8.381	911	917	923	rVB3	9539	15074	0.31%	0.052%
8	8.581	947	951	956	rBV3	5685	9052	0.19%	0.031%
9	8.928	1005	1010	1015	rVB4	8113	14045	0.29%	0.048%
10	10.275	1234	1239	1242	rBV3	3465	5597	0.12%	0.019%
11	10.357	1247	1253	1257	rBV2	13880	22137	0.46%	0.076%
12	10.486	1261	1275	1283	rBV	1870328	3180344	65.77%	10.871%
13	10.622	1293	1298	1302	rBV4	6880	10325	0.21%	0.035%
14	10.739	1313	1318	1325	rVB5	7389	14344	0.30%	0.049%
15	10.904	1342	1346	1350	rVB3	5586	7832	0.16%	0.027%
16	10.957	1350	1355	1360	rBV3	12098	18530	0.38%	0.063%
17	11.145	1381	1387	1389	rBV3	5958	9416	0.19%	0.032%
18	11.169	1389	1391	1396	rVB4	3652	5333	0.11%	0.018%
19	11.251	1402	1405	1408	rBV3	3294	5048	0.10%	0.017%
20	11.922	1514	1519	1526	rBV2	18031	29521	0.61%	0.101%
21	12.704	1646	1652	1657	rBV4	9547	17693	0.37%	0.060%
22	12.833	1669	1674	1675	rBV2	6352	6736	0.14%	0.023%
23	12.951	1690	1694	1699	rVB4	11793	18936	0.39%	0.065%
24	13.127	1720	1724	1728	rBV6	5577	10106	0.21%	0.035%
25	13.174	1728	1732	1736	rVB3	7376	10631	0.22%	0.036%
26	13.669	1812	1816	1818	rBV4	4090	5638	0.12%	0.019%
27	13.763	1828	1832	1836	rBV4	21693	34431	0.71%	0.118%
28	13.839	1843	1845	1849	rVB4	10765	10646	0.22%	0.036%
29	13.886	1849	1853	1860	rBV9	9769	25573	0.53%	0.087%
30	13.963	1862	1866	1868	rBV5	7276	8478	0.18%	0.029%
31	13.998	1870	1872	1876	rBV5	5622	9178	0.19%	0.031%
32	14.098	1883	1889	1892	rBV7	15863	35419	0.73%	0.121%
33	14.180	1899	1903	1907	rVB2	36149	49237	1.02%	0.168%
34	14.257	1911	1916	1920	rBV8	15899	29154	0.60%	0.100%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016963.D
Acq On : 03 Oct 2018 05:07
Operator : MJ/SJ
Sample : J5126-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	14.351	1921	1932	1942	rBV2	2889067	4340988	89.78%	14.838%
36	14.427	1943	1945	1947	rBV2	8728	9339	0.19%	0.032%
37	14.521	1958	1961	1962	rBV3	8430	10555	0.22%	0.036%
38	14.886	2020	2023	2029	rBV8	13944	22652	0.47%	0.077%
39	15.068	2049	2054	2061	rBV9	28230	65870	1.36%	0.225%
40	15.139	2062	2066	2074	rVV2	81778	135239	2.80%	0.462%
41	16.104	2223	2230	2239	rBV2	101924	232519	4.81%	0.795%
42	17.098	2394	2399	2405	rBV2	3218887	4835238	100.00%	16.527%
43	19.439	2794	2797	2803	rVB	772012	933321	19.30%	3.190%
44	19.521	2809	2811	2813	rBV	143080	129748	2.68%	0.443%
45	20.492	2972	2976	2980	rBV	603842	686224	14.19%	2.346%
46	20.556	2984	2987	2990	rVV	306843	326789	6.76%	1.117%
47	21.021	3063	3066	3075	rVB	337320	487856	10.09%	1.668%
48	21.292	3107	3112	3116	rBV	3485399	4571895	94.55%	15.627%
49	21.456	3137	3140	3143	rVB	462529	469724	9.71%	1.606%
50	21.892	3211	3214	3221	rVB	396167	436022	9.02%	1.490%
51	22.356	3290	3293	3298	rVB	390441	468736	9.69%	1.602%
52	23.527	3486	3492	3500	rVB2	1952475	3766121	77.89%	12.873%

Sum of corrected areas: 29255769

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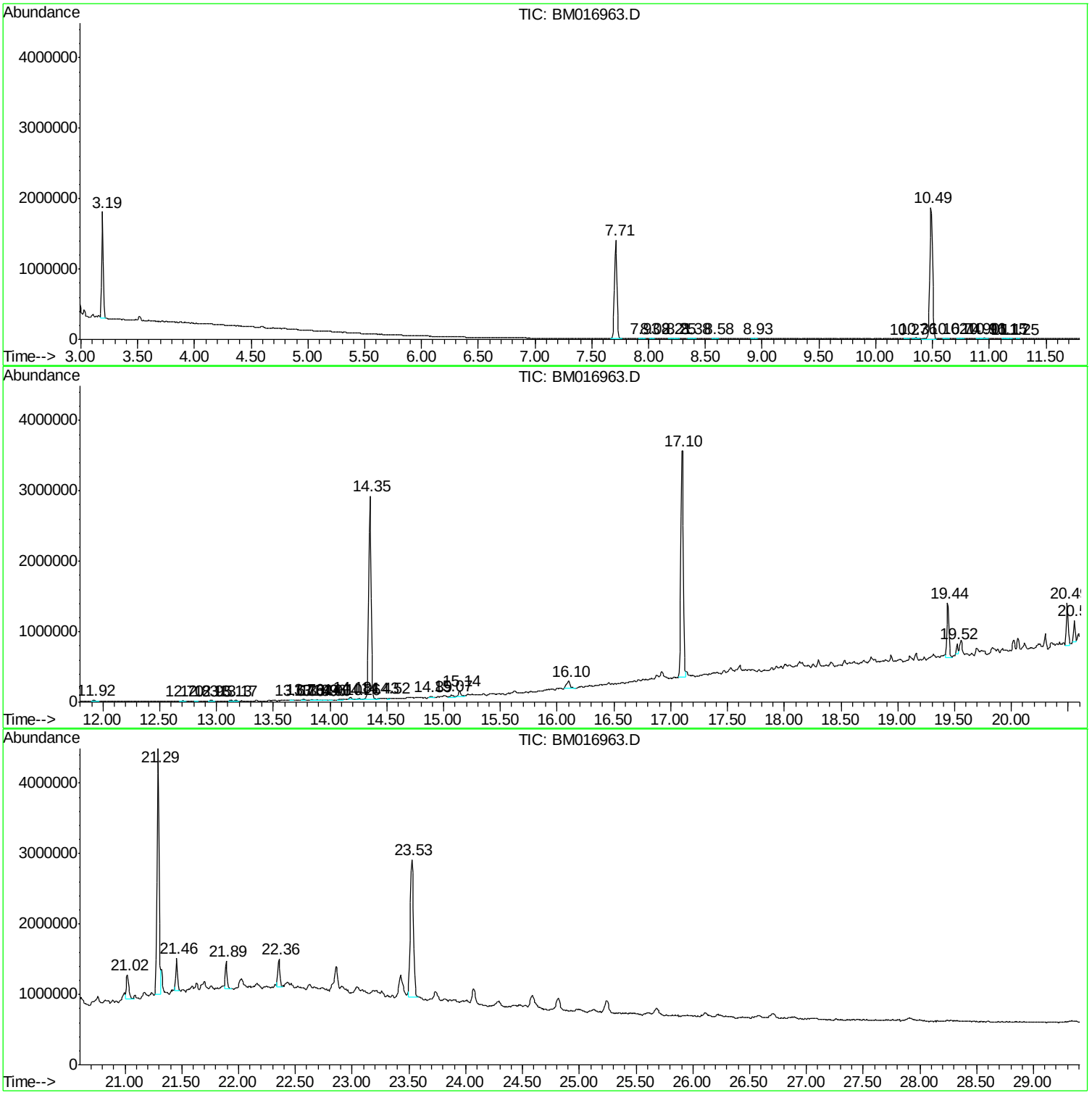
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016963.D
Acq On : 03 Oct 2018 05:07
Operator : MJ/SJ
Sample : J5126-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

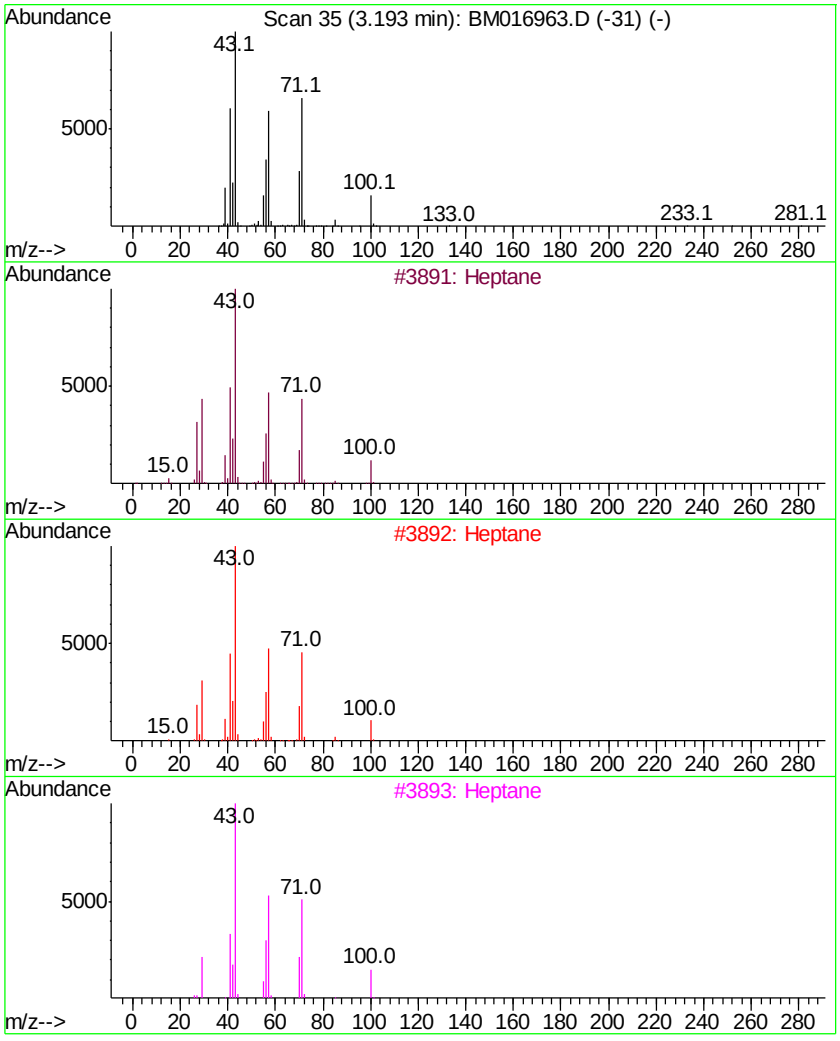
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

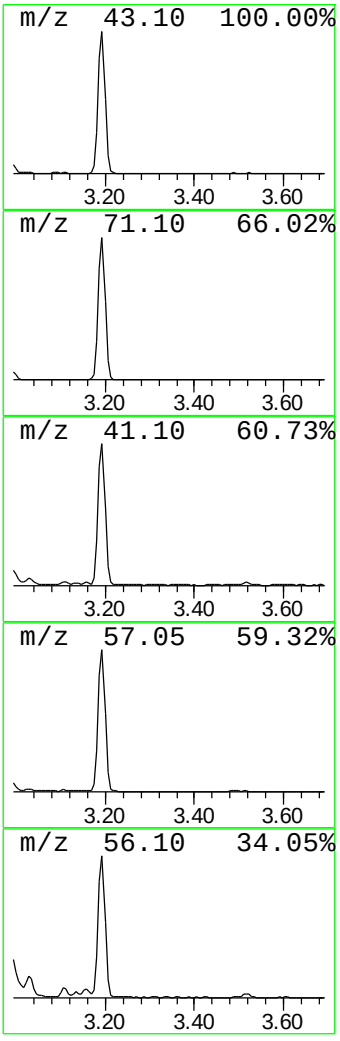
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	13.87 ng/ul	1504500	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	91
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016963.D
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Operator : MJ/SJ
Sample : J5126-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

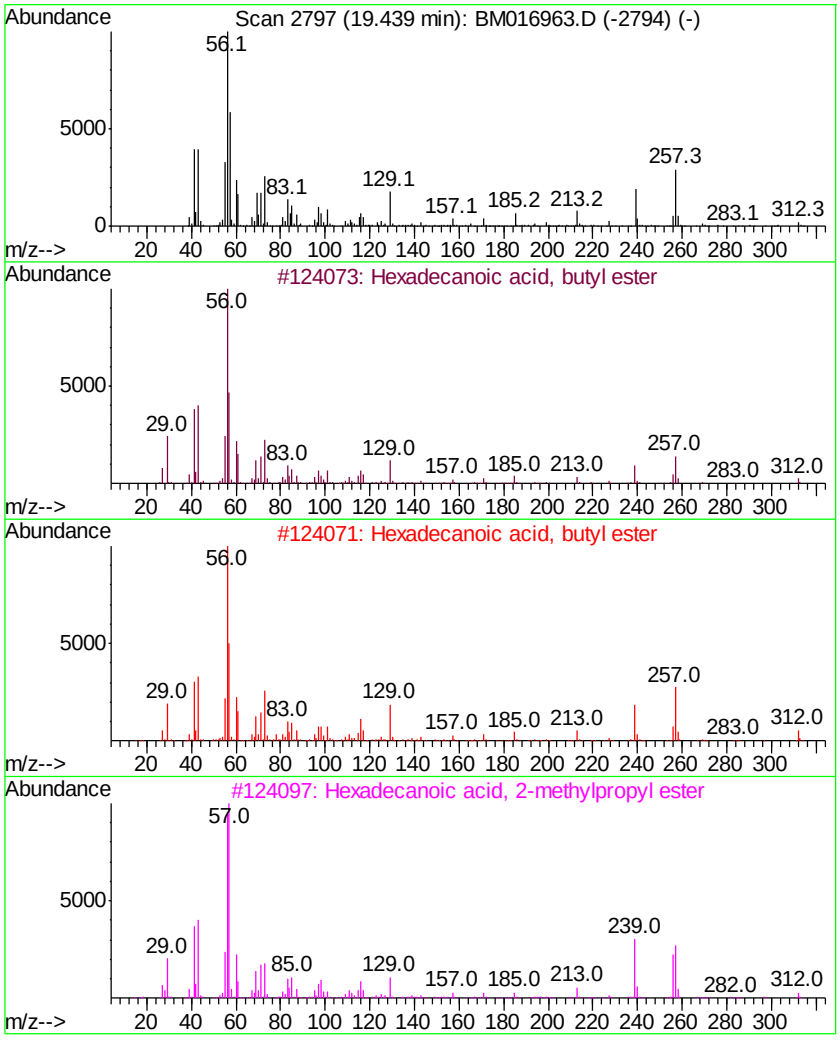
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

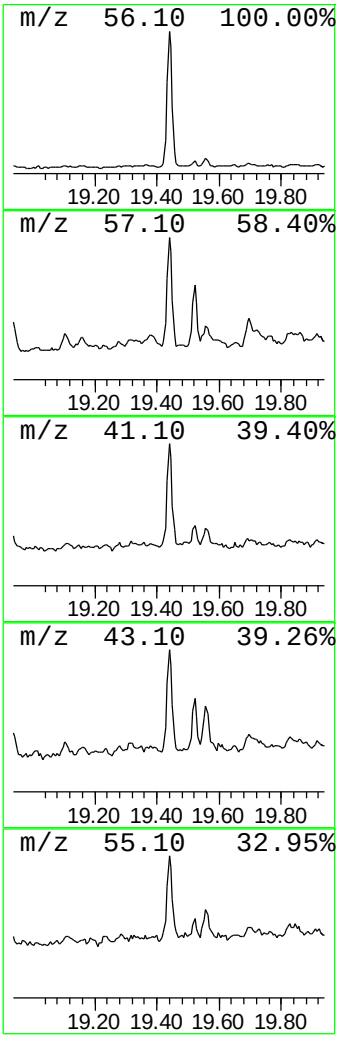
****

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	4.08 ng/ul	933321	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
4	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016963.D
Acq On : 03 Oct 2018 05:07
Operator : MJ/SJ
Sample : J5126-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

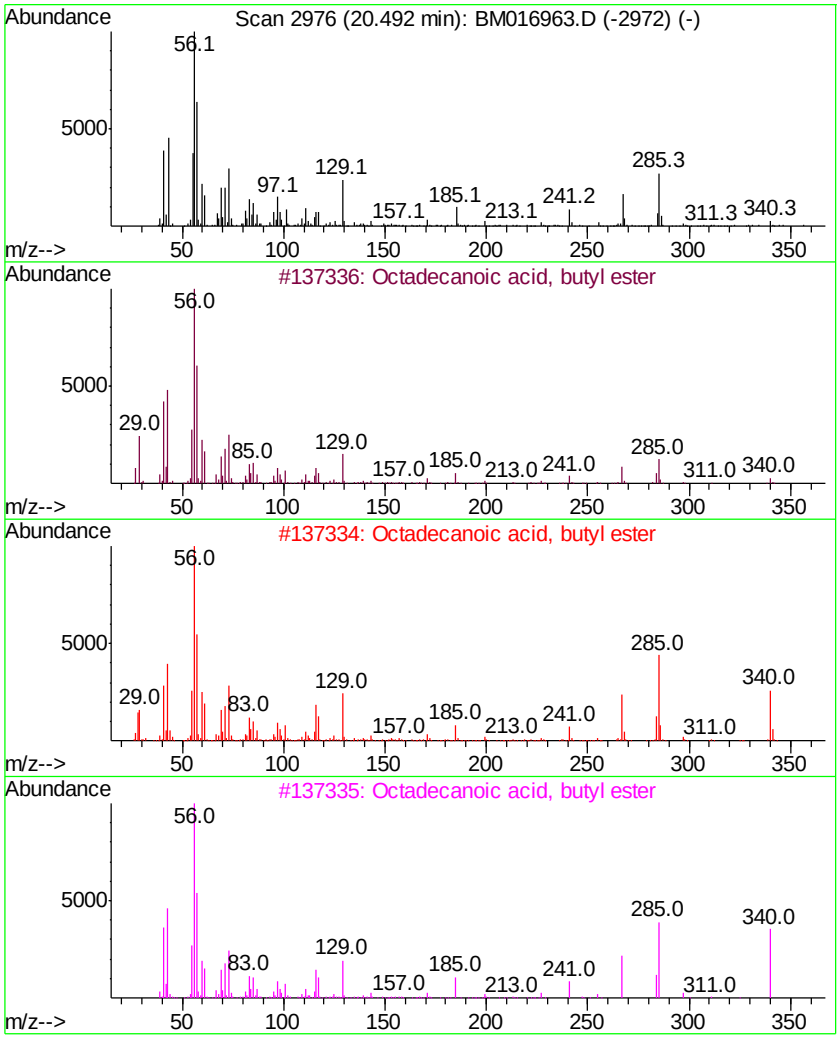
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

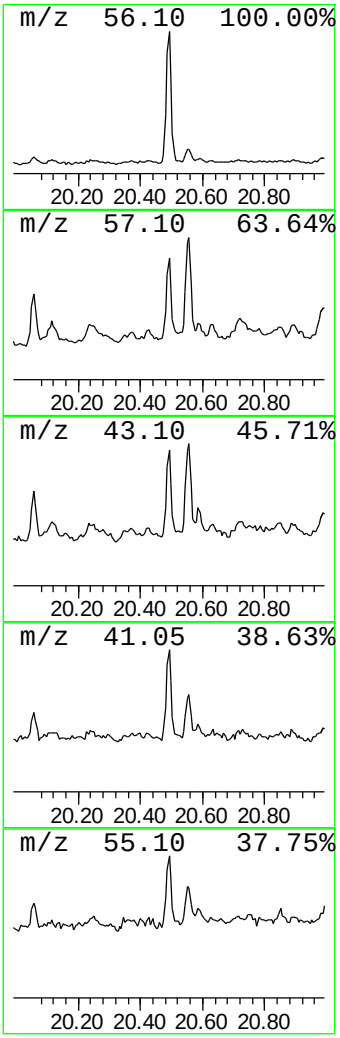
****

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	3.00 ng/ul	686224	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
4	n-Butyl myristate	284	C18H36O2	000110-36-1	53
5	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	38





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Data File : BM016963.D
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Sample : J5126-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

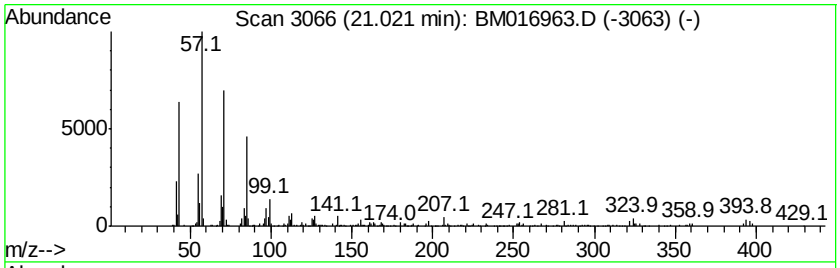
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

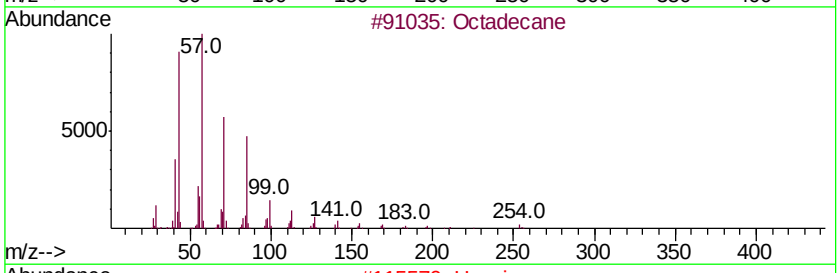
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

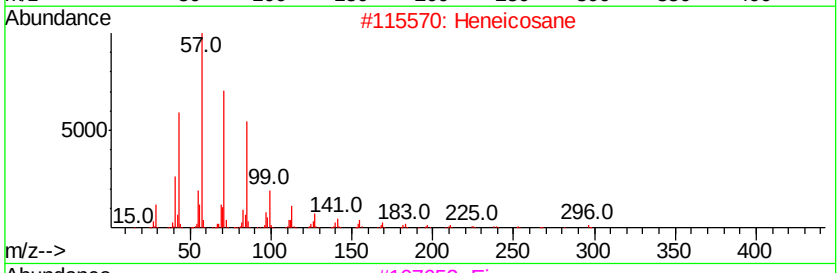
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

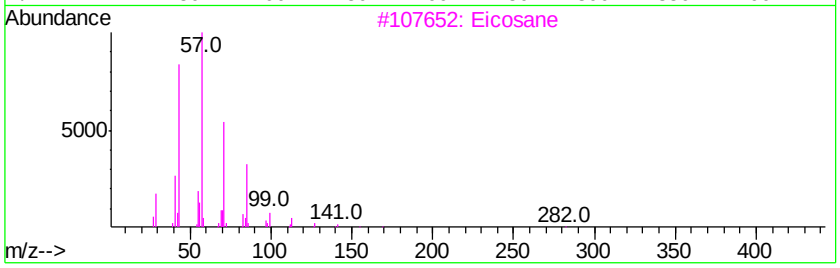
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.13 ng/ul	487856	Chrysene-d12	21.29

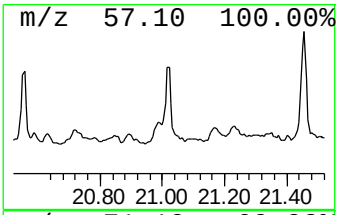
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Tricosane	324	C23H48	000638-67-5	93
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91

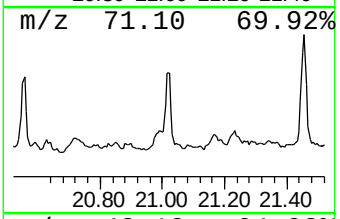


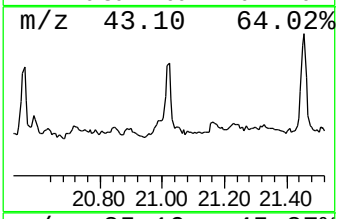


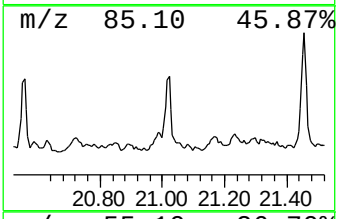


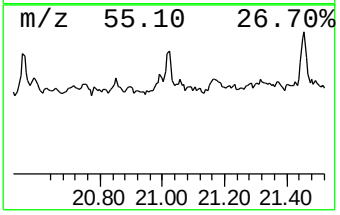












Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0BA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

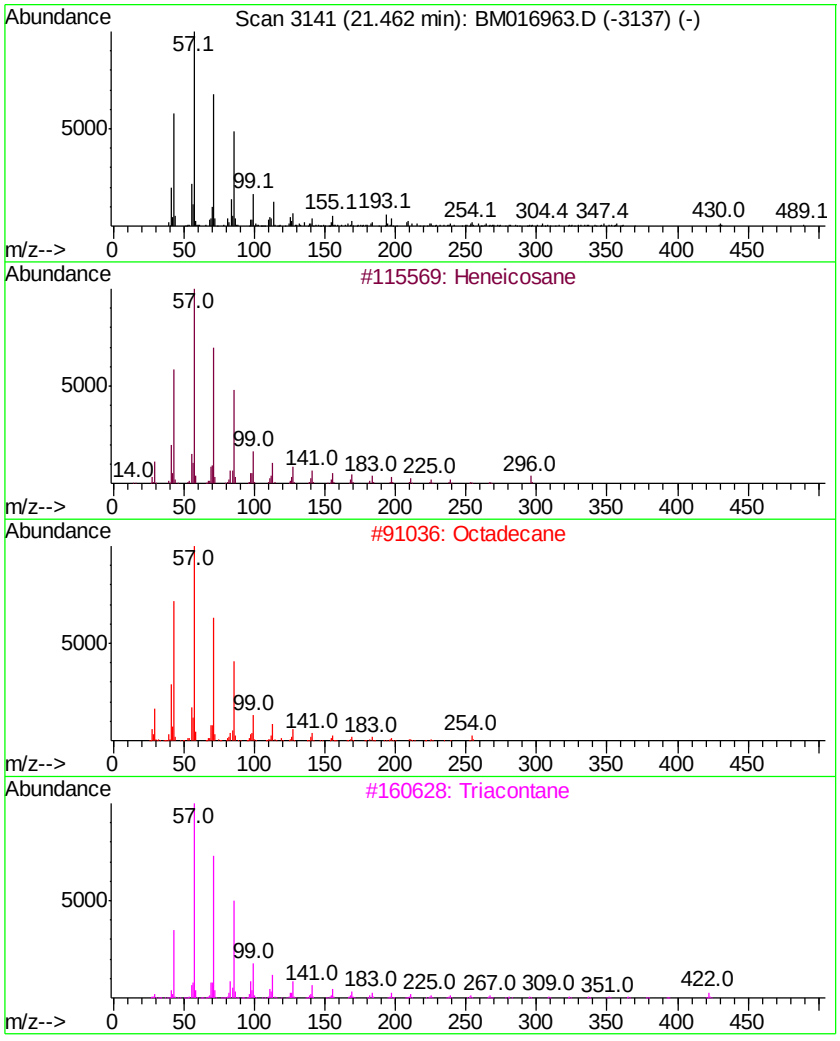
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

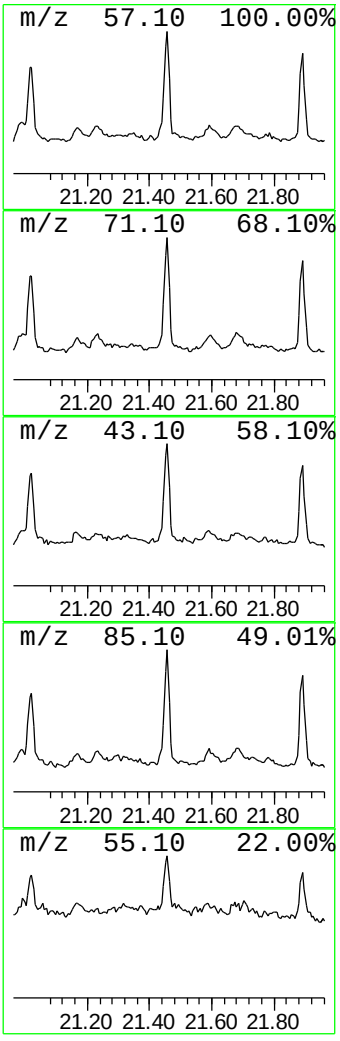
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.05 ng/ul	469724	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Triacontane	422	C30H62	000638-68-6	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





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ClientSampleId : C0BA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

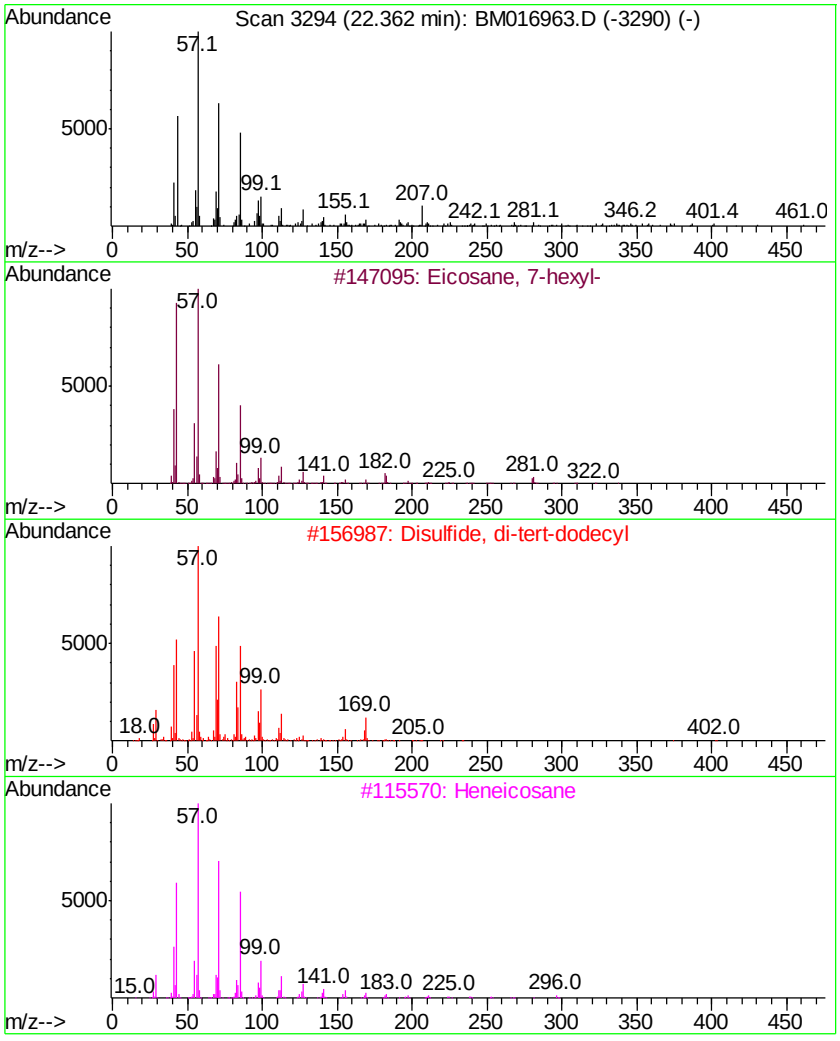
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

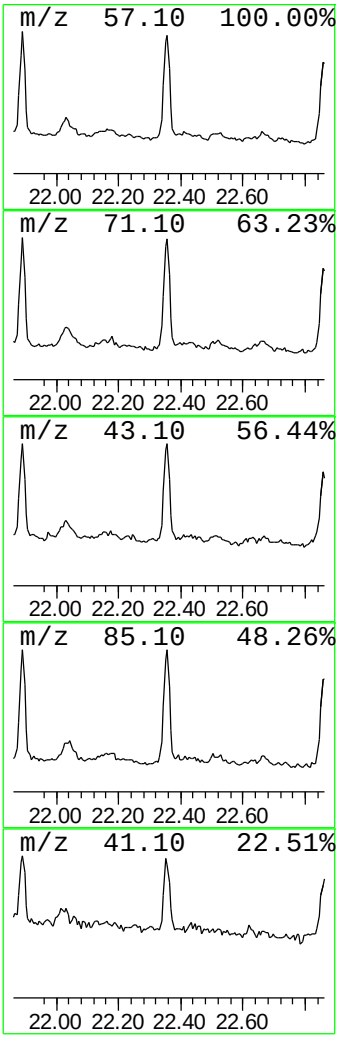
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.05 ng/ul	468736	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016963.D
Acq On : 03 Oct 2018 05:07
Operator : MJ/SJ
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.19	13.9	ng/ul	1504500	1	7.71	2170160	20.0
Hexadecanoic acid...	19.44	4.1	ng/ul	933321	5	21.29	4571900	20.0
Octadecanoic acid...	20.49	3.0	ng/ul	686224	5	21.29	4571900	20.0
(DEL) Alkane: Str...	21.02	2.1	ng/ul	487856	5	21.29	4571900	20.0
(DEL) Alkane: Str...	21.46	2.0	ng/ul	469724	5	21.29	4571900	20.0
(DEL) Alkane: Str...	22.36	2.0	ng/ul	468736	5	21.29	4571900	20.0