LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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	6.569	588	592	599	rVB	224540	351185	3.74%	0.351%
2	7.116	676	685	696	rBV	1131725	1952234	20.77%	1.953%
3	7.269	704	711	718	rBV	885819	1395830	14.85%	1.396%
4	7.334	718	722	729	rVB3	70497	139076	1.48%	0.139%
5	7.469	738	745	753	rBV	1365385	2165129	23.03%	2.166%
6	7.928	816	823	835	rBV	1686495	2711409	28.84%	2.712%
7	8.175	860	865	870	rVB	64420	110763	1.18%	0.111%
8	8.651	940	946	960	rBV	1458537	2408681	25.62%	2.409%
9	9.116	1018	1025	1032	rBV	1177306	1955008	20.80%	1.955%
10	9.375	1065	1069	1075	rVB3	63836	106379	1.13%	0.106%
11	9.828	1138	1146	1157	rBV2	946082	1630240	17.34%	1.631%
12	10.357	1230	1236	1247	rBV	1540919	2706048	28.79%	2.707%
13	10.733	1293	1300	1314	rBV	1968395	3407033	36.24%	3.408%
14	10.904	1321	1329	1336	rBV	367160	730424	7.77%	0.731%
15	13.974	1845	1851	1856	rBV	2783406	3772935	40.14%	3.774%
16	14.021	1856	1859	1865	rVB	1134396	1476755	15.71%	1.477%
17	14.263	1894	1900	1911	rVB	3080975	4479153	47.65%	4.480%
18	14.392	1919	1922	1926	rVB2	107642	132698	1.41%	0.133%
19	14.563	1944	1951	1959	rBV2	2827080	4260307	45.32%	4.261%
20	14.804	1983	1992	2004	rBV	476593	1056649	11.24%	1.057%
21	15.345	2080	2084	2091	rVB3	106230	126861	1.35%	0.127%
22	15.551	2113	2119	2127	rBV	3926127	5643333	60.03%	5.644%
23	15.674	2135	2140	2147	rBV	892294	1240942	13.20%	1.241%
24	16.204	2226	2230	2236	rBV3	131639	237975	2.53%	0.238%
25	16.427	2263	2268	2272	rBV6	57950	103299	1.10%	0.103%
26	16.998	2360	2365	2368	rBV4	91922	140595	1.50%	0.141%
27	17.045	2369	2373	2377	rVV7	60729	110438	1.17%	0.110%
28	17.180	2393	2396	2401	rVB7	100768	139392	1.48%	0.139%
29	17.309	2410	2418	2427	rBV	3652825	5286301	56.24%	5.287%
30	17.404	2428	2434	2443	rBV	4140803	6025798	64.10%	6.027%
31	18.045	2539	2543	2549	rBV9	75736	123485	1.31%	0.124%
32	18.156	2557	2562	2569	rBV	650872	1050699	11.18%	1.051%
33	18.215	2569	2572	2576	rVV5	85094	116762	1.24%	0.117%
34	18.615	2637	2640	2645	rVB7	79025	113592	1.21%	0.114%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

35	18.892	2683	2687	2695	rVB3	264699	364821	3.88%	0.365%
36	19.045	2709	2713	2718	rVB8	133601	193070	2.05%	0.193%
37	19.092	2718	2721	2724	rVV4	147629	182185	1.94%	0.182%
38	19.127	2724	2727	2735	rVB6	231602	375362	3.99%	0.375%
39	19.315	2751	2759	2761	rBV9	243959	533966	5.68%	0.534%
40	19.362	2764	2767	2772	rVB5	349637	536184	5.70%	0.536%
41	19.427	2774	2778	2783	rBV6	260220	451510	4.80%	0.452%
42	19.692	2818	2823	2831	rBV	6009967	7910010	84.15%	7.911%
43	19.898	2854	2858	2868	rVB5	780838	1178831	12.54%	1.179%
44	20.162	2899	2903	2908	rBV2	298498	479797	5.10%	0.480%
45	20.356	2933	2936	2941	rVB6	320203	371696	3.95%	0.372%
46	20.627	2979	2982	2986	rBV5	311410	448663	4.77%	0.449%
47	21.115	3062	3065	3067	rBV2	461644	500074	5.32%	0.500%
48	21.144	3067	3070	3084	rVB3	714462	1433603	15.25%	1.434%
49	21.468	3121	3125	3134	rVB	5893795	7547699	80.29%	7.549%
50	21.991	3211	3214	3218	rBV	802854	957913	10.19%	0.958%
51	22.715	3334	3337	3343	rVB6	883763	1284284	13.66%	1.285%
52	22.986	3380	3383	3388	rVB2	741770	1020146	10.85%	1.020%
53	23.668	3493	3499	3508	rVB2	4906902	9400293	100.00%	9.402%
54	23.821	3520	3525	3534	rVB	3812016	7403987	78.76%	7.405%

Sum of corrected areas: 99981502

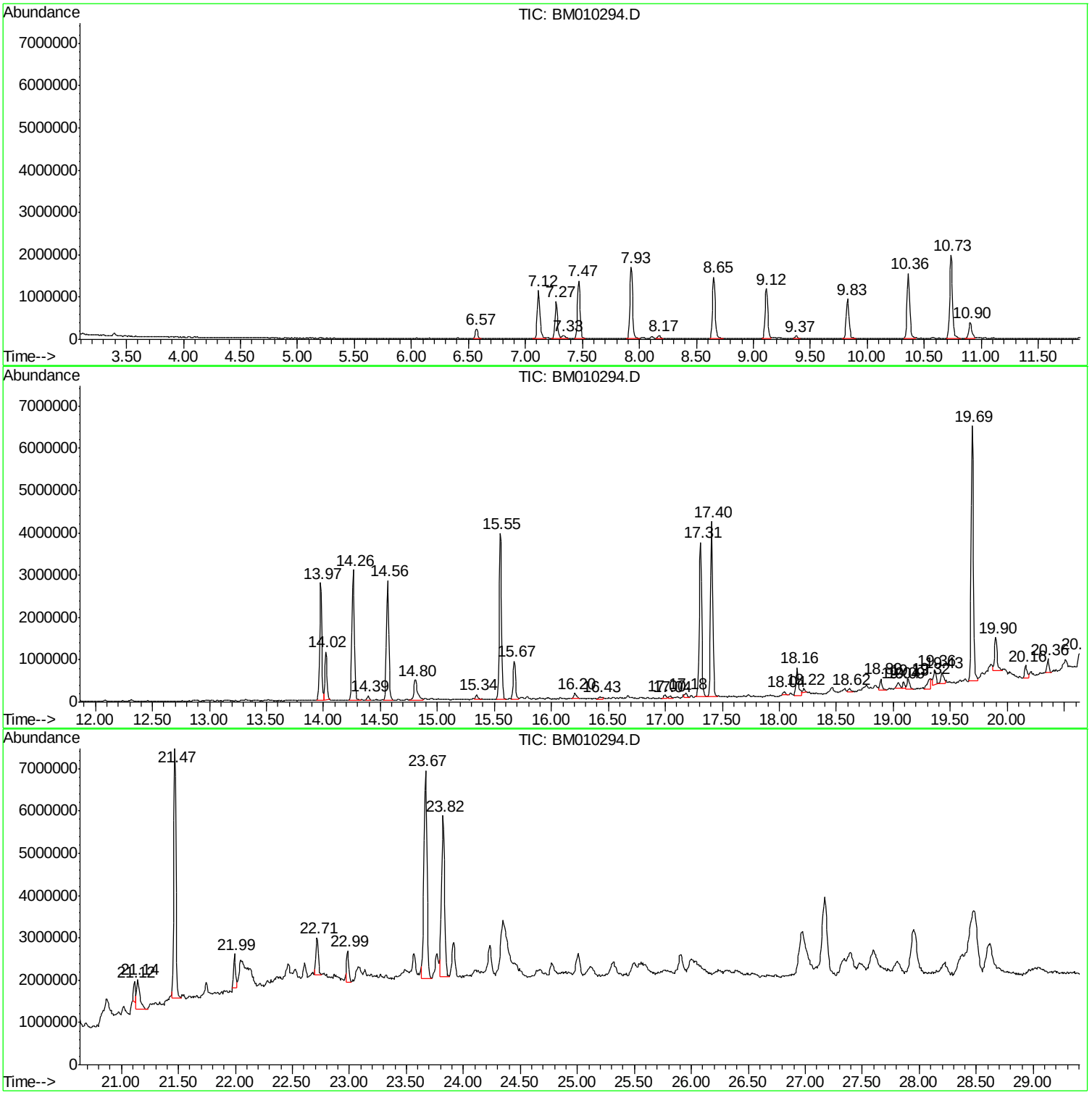
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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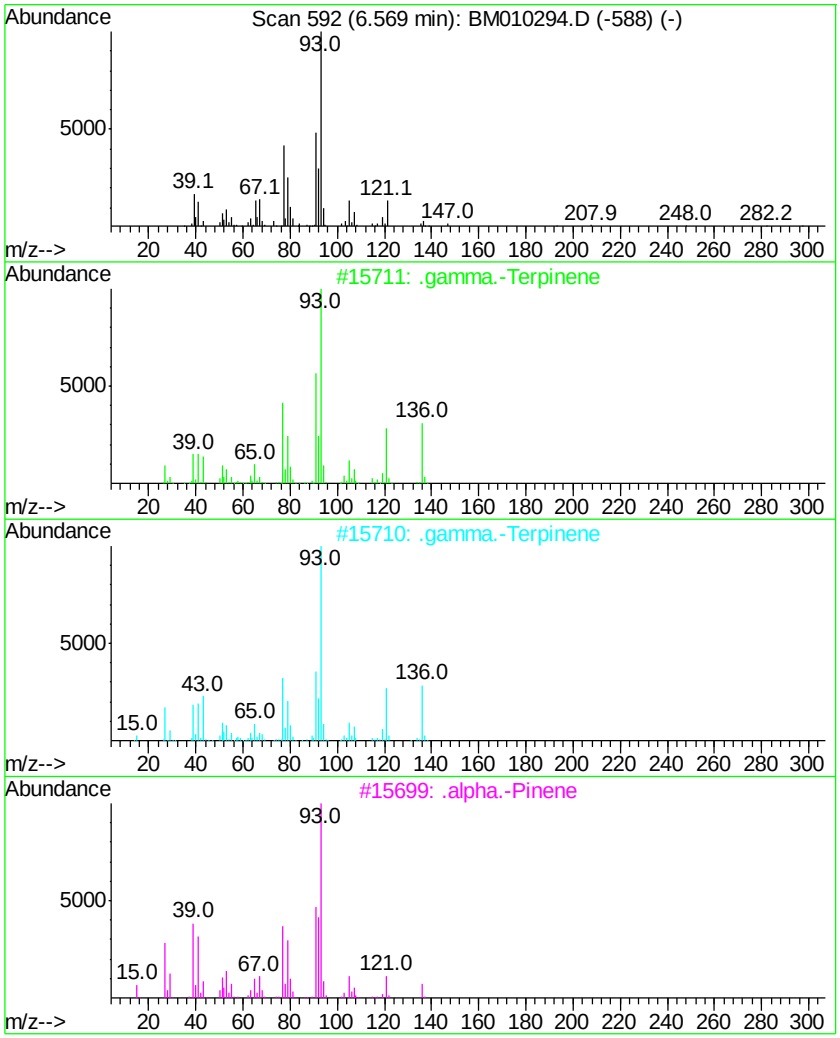
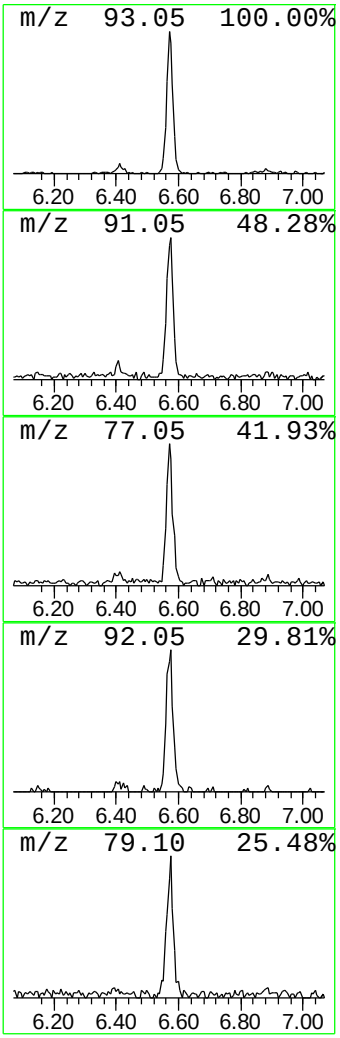
Peak Number 1 .gamma.-Terpinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	2.59 ng/ul	351185	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Terpinene	136	C10H16	000099-85-4	95
2	.gamma.-Terpinene	136	C10H16	000099-85-4	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	87
4	.gamma.-Terpinene	136	C10H16	000099-85-4	87
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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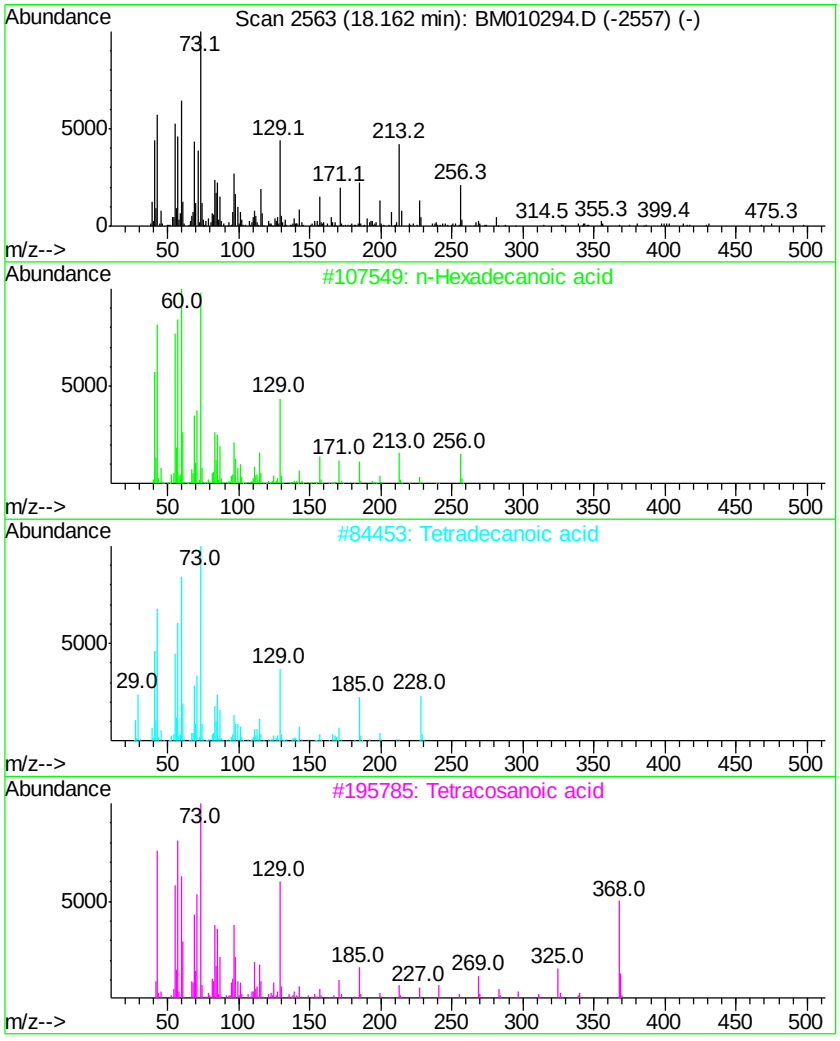
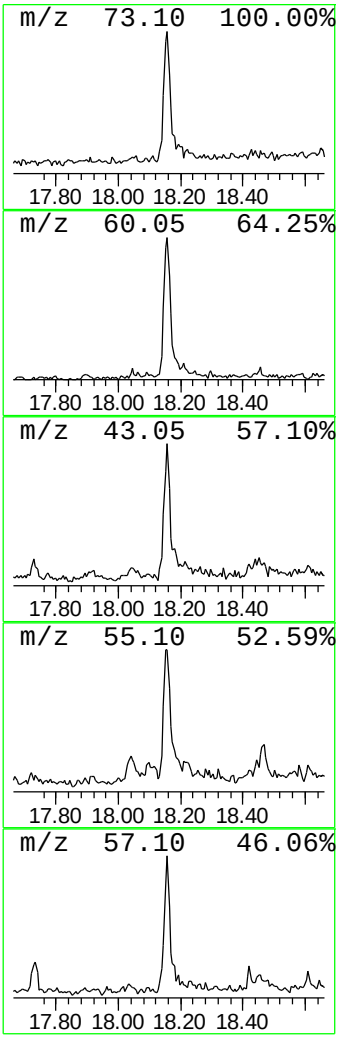
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.98 ng/ul	1050700	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tetracosanoic acid	368	C24H48O2	000557-59-5	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

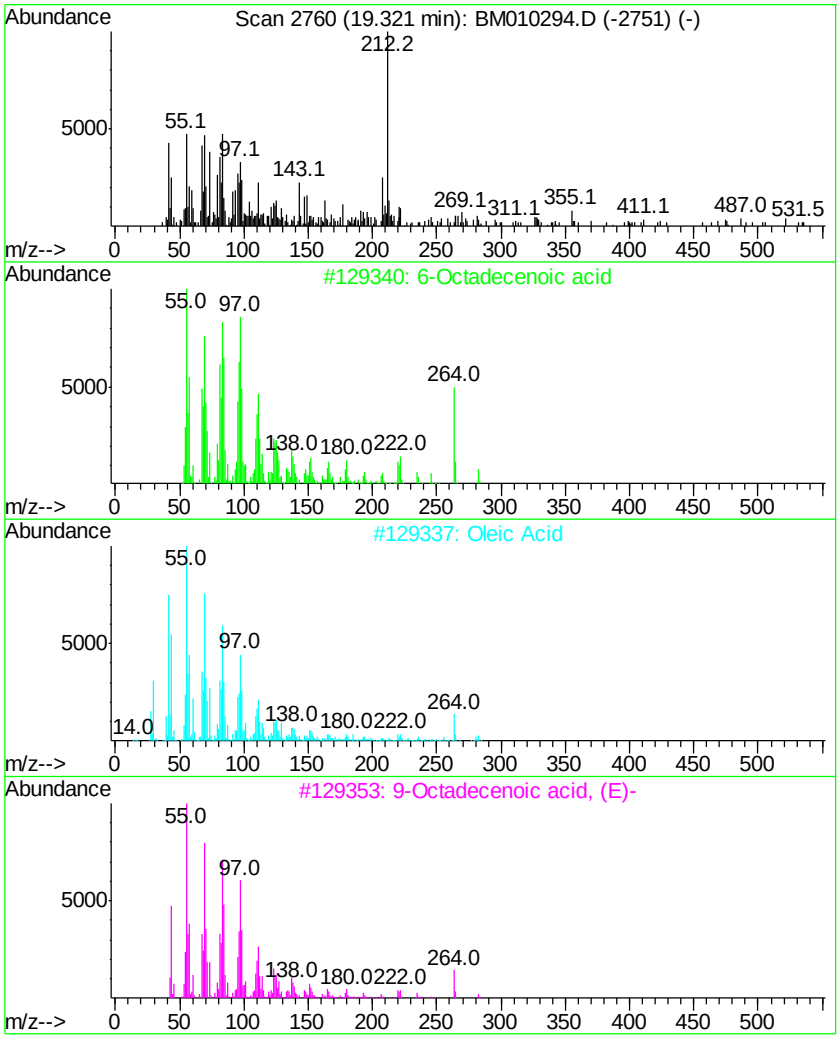
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

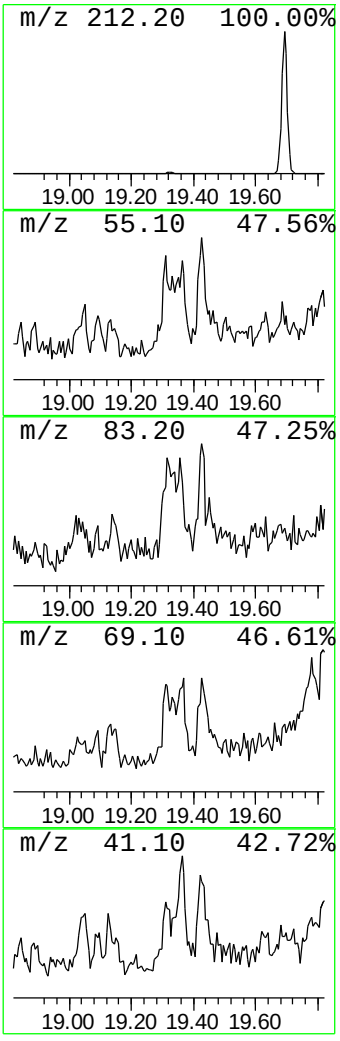
****

Peak Number 3 6-Octadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.02 ng/ul	533966	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	80
2	Oleic Acid	282	C18H34O2	000112-80-1	70
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	64
4	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	55
5	Oleic Acid	282	C18H34O2	000112-80-1	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

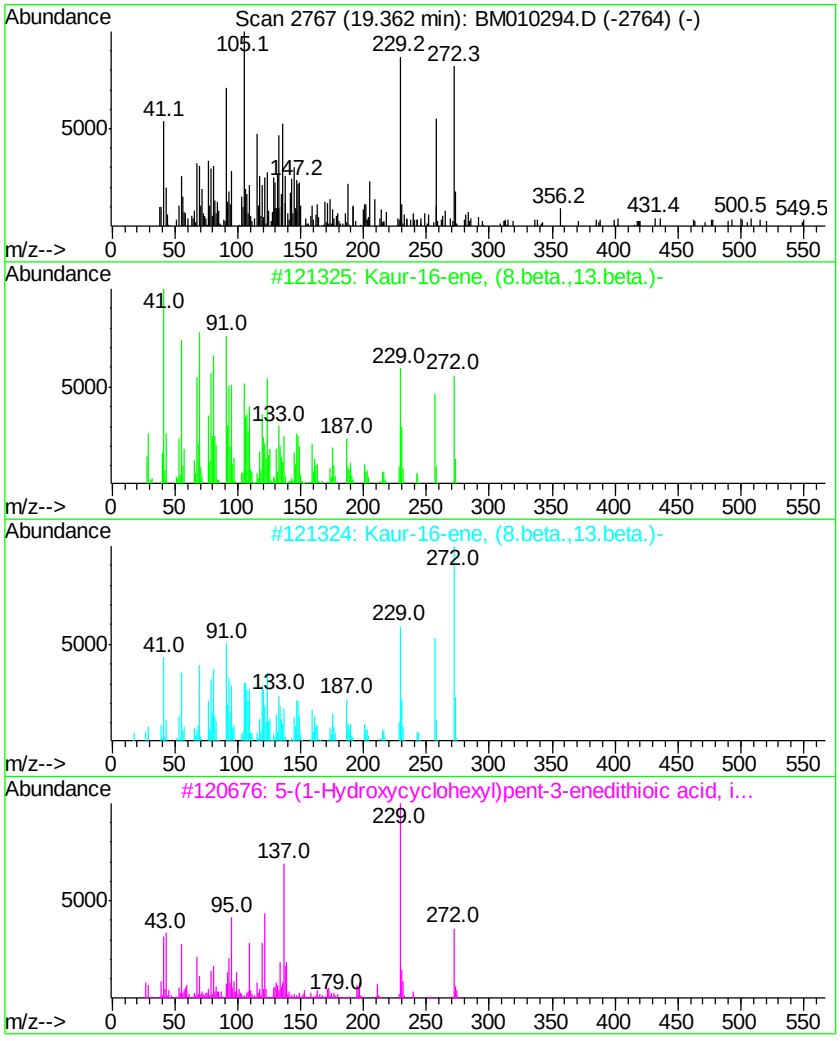
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

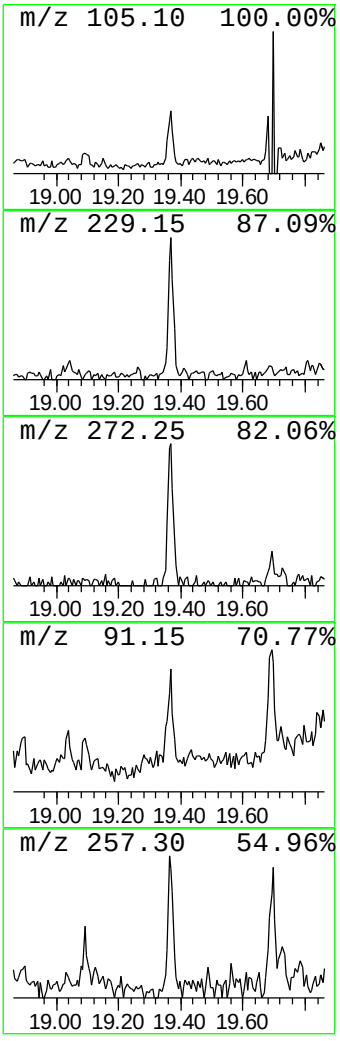
****

Peak Number 4 Kaur-16-ene, (8.beta.,13.be... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.03 ng/ul	536184	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kaur-16-ene, (8.beta.,13.beta.)-	272	C20H32	020070-61-5	72
2	Kaur-16-ene, (8.beta.,13.beta.)-	272	C20H32	020070-61-5	70
3	5-(1-Hydroxycyclohexyl)pent-3-en...	272	C14H24OS2	083041-14-9	50
4	7,8-Dimethoxy-1,4-phenazinediol	272	C14H12N2O4	001790-85-8	45
5	Podocarpa-6,13-diene, 13-isopropyl-	272	C20H32	005939-62-8	45





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Sample : I3162-12
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

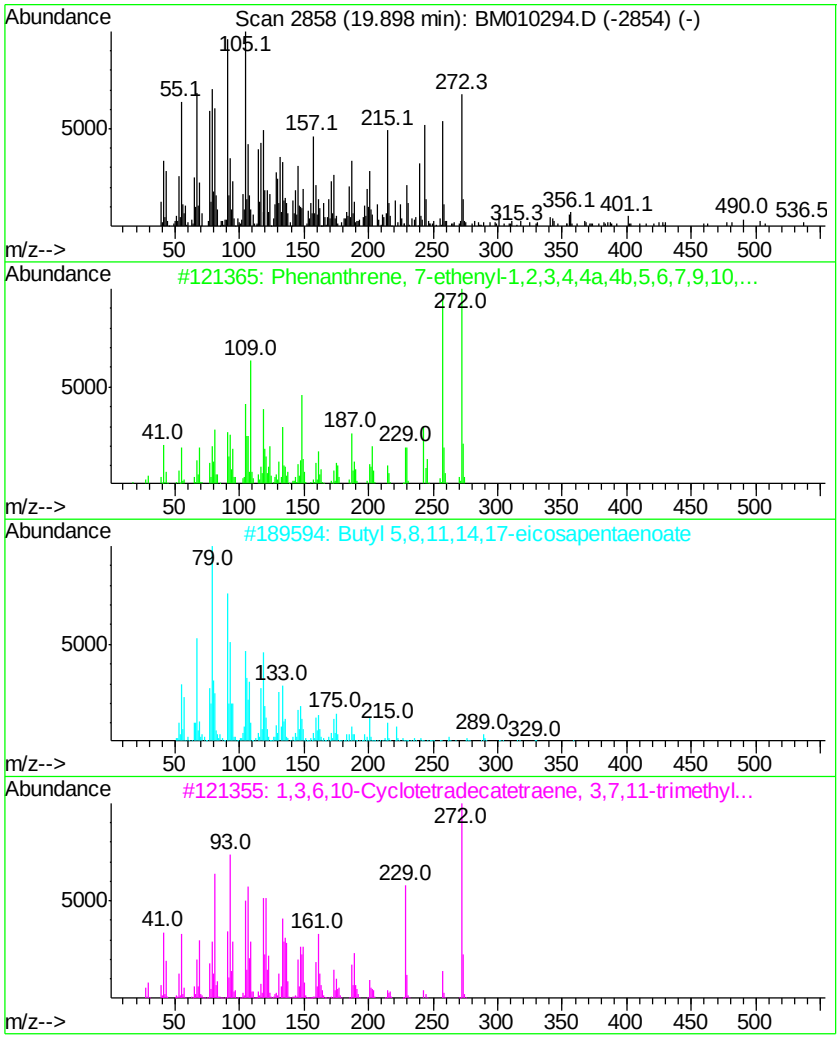
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

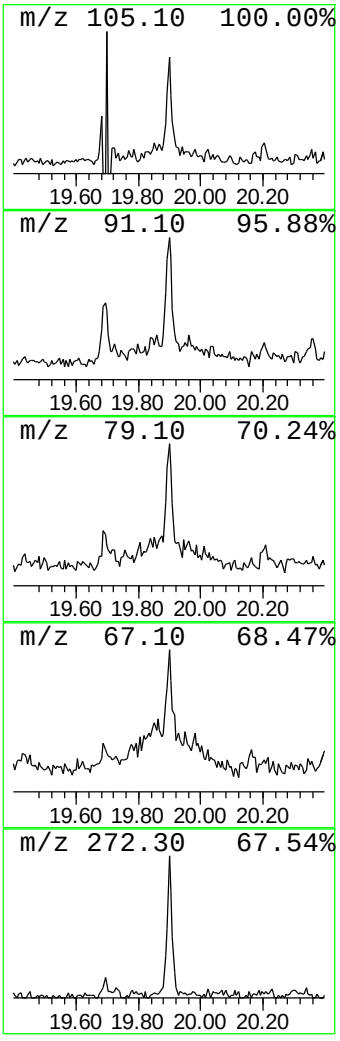
****

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.12 ng/ul	1178830	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-56-2	38
2	Butyl 5,8,11,14,17-eicosapentaen...	358	C24H38O2	1000336-76-3	35
3	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	30
4	6-Propyl-7H-benz[de]anthracen-7-one	272	C20H16O	1000326-13-3	30
5	Androst-5-en-17-one	272	C19H28O	025824-80-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
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Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

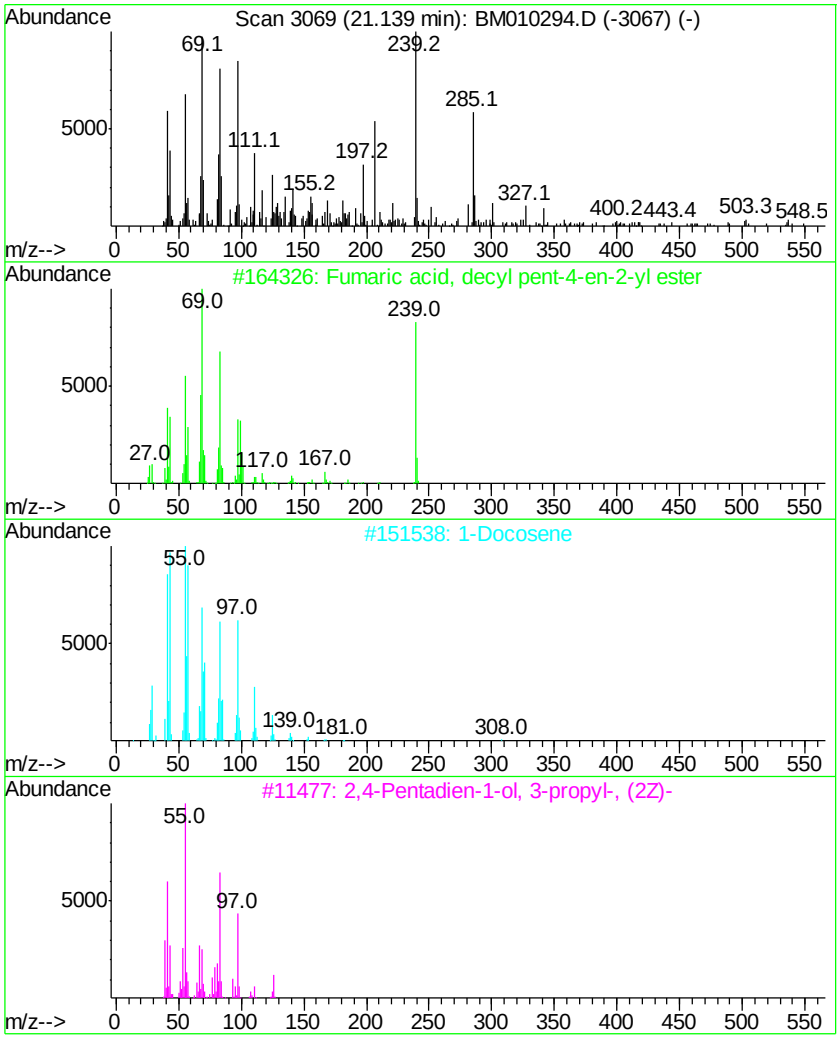
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

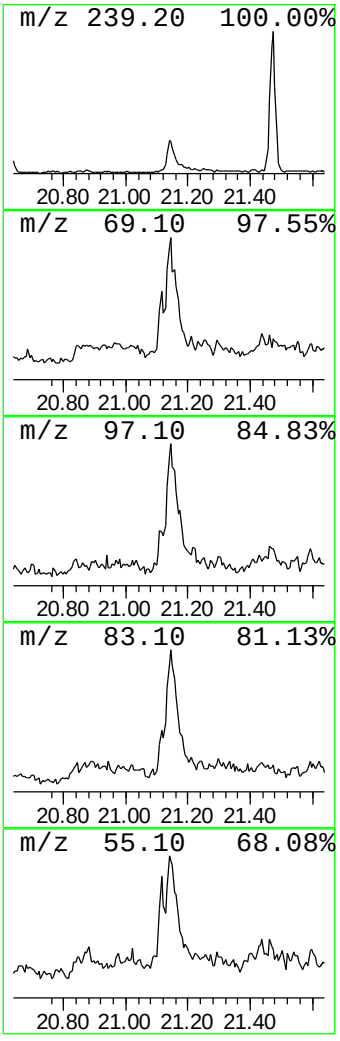
****

Peak Number 6 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.80 ng/ul	1433600	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, decyl pent-4-en-2-...	324	C19H32O4	1000348-92-9	49
2	1-Docosene	308	C22H44	001599-67-3	41
3	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	27
4	Cyclotetradecane	196	C14H28	000295-17-0	25
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	22





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

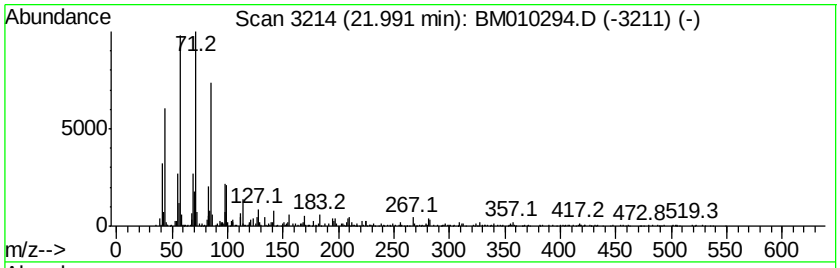
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

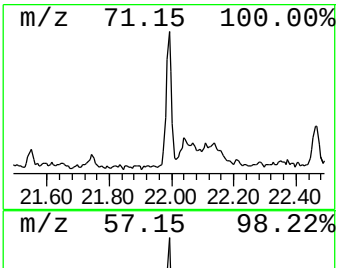
****

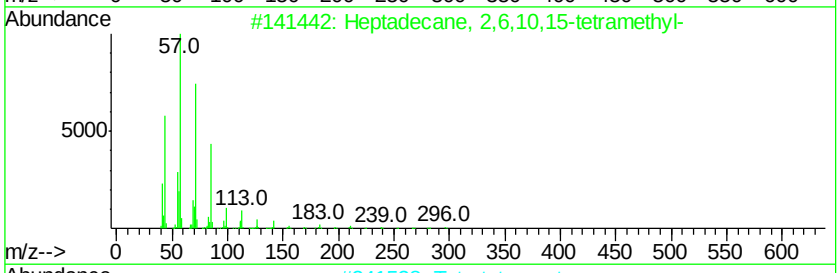
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

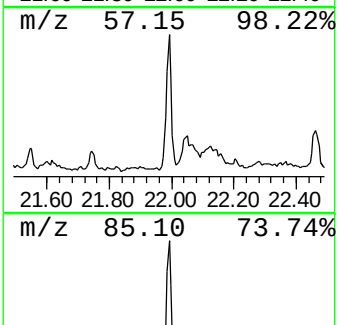
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.54 ng/ul	957913	Chrysene-d12	21.47

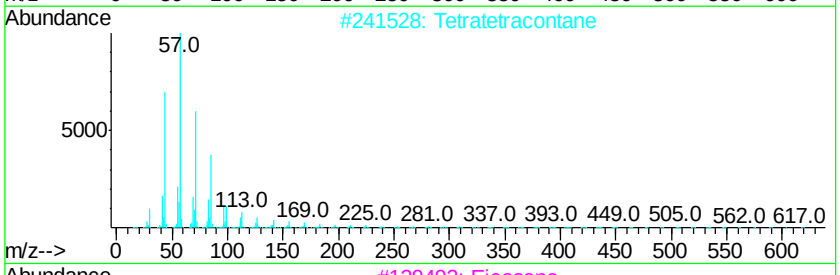
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexatriacontane	507	C36H74	000630-06-8	86

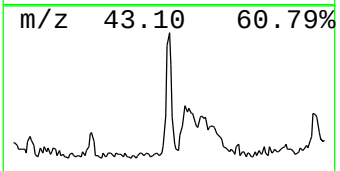


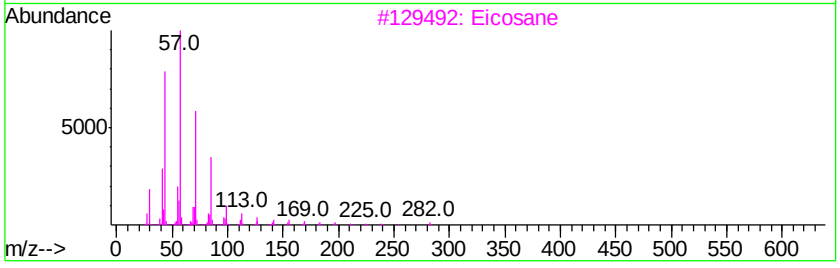












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

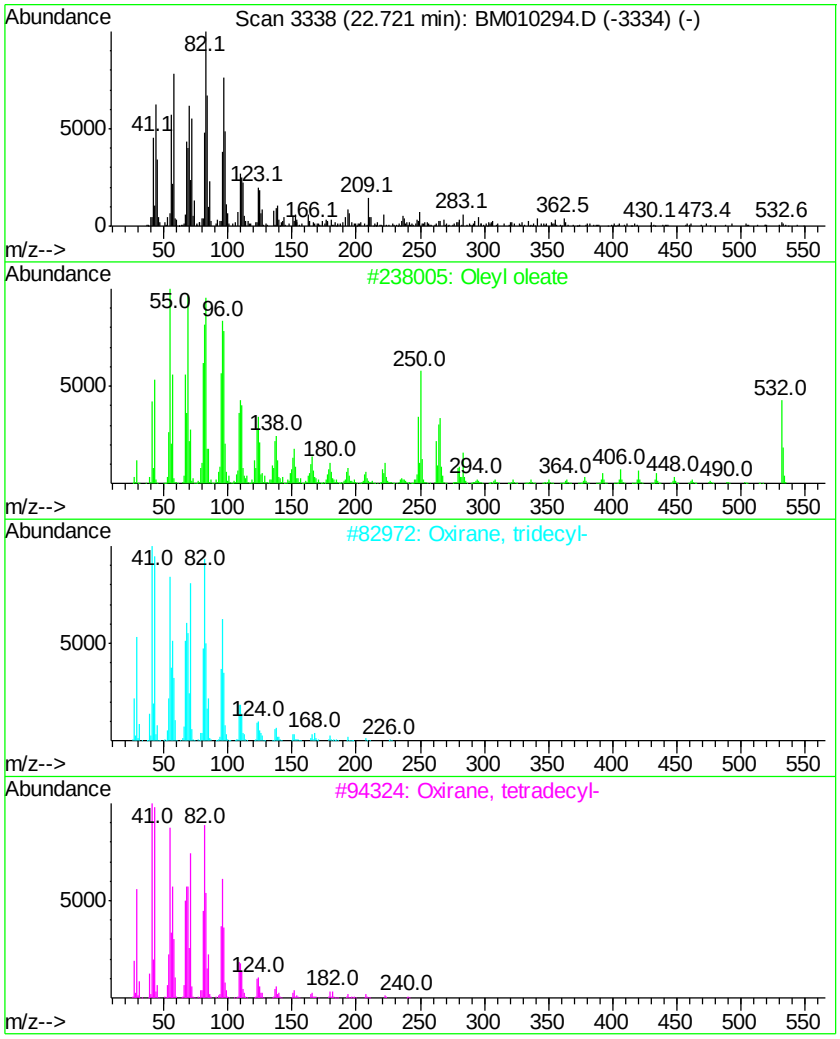
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

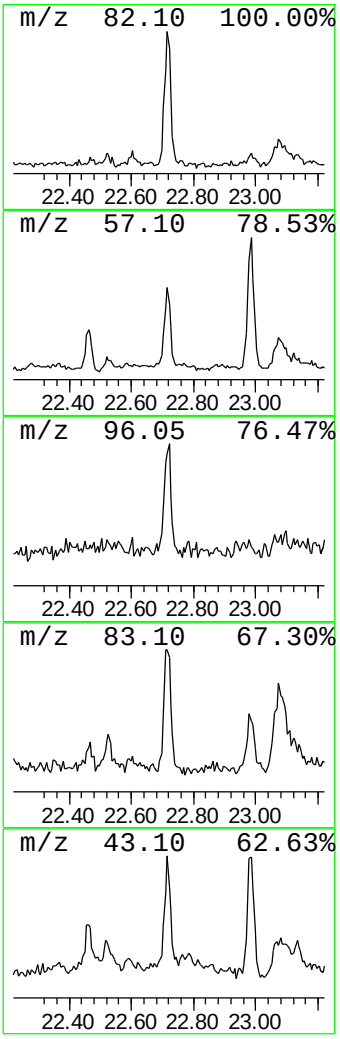
****

Peak Number 8 Oleyl oleate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	3.47 ng/ul	1284280	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleyl oleate	533	C36H68O2	003687-45-4	95
2	Oxirane, tridecyl-	226	C15H30O	018633-25-5	89
3	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	89
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
5	16-Heptadecenal	252	C17H32O	1000144-57-9	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

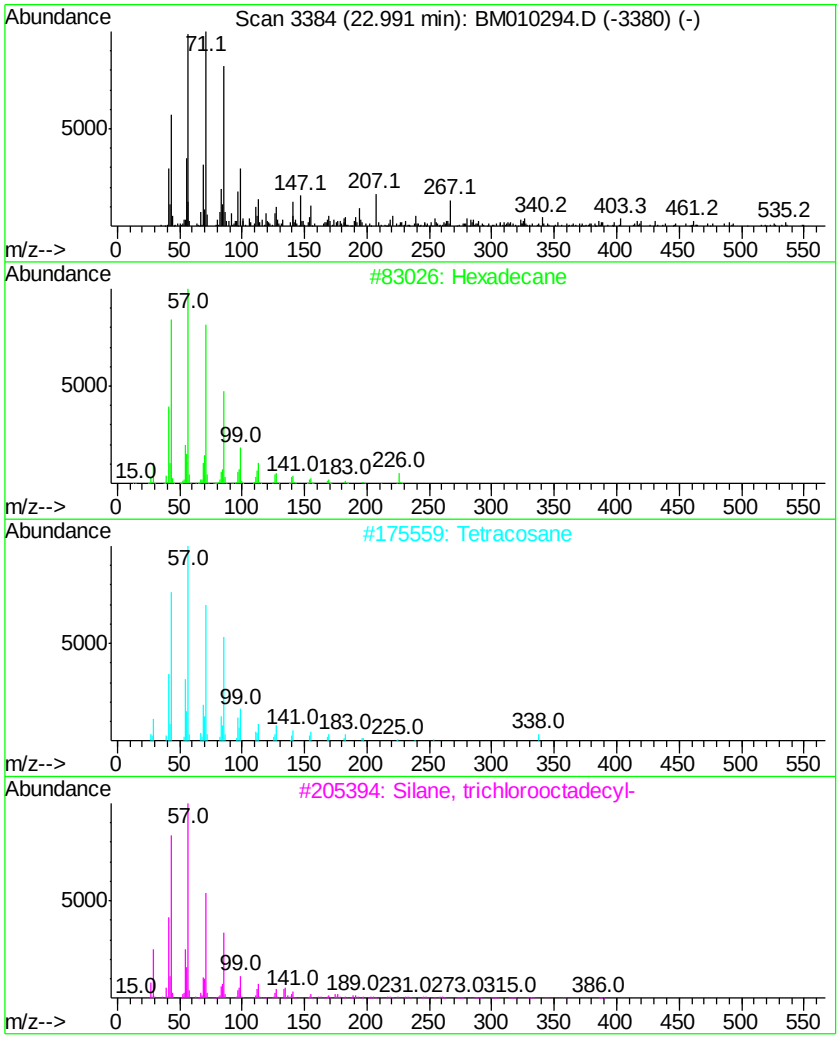
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

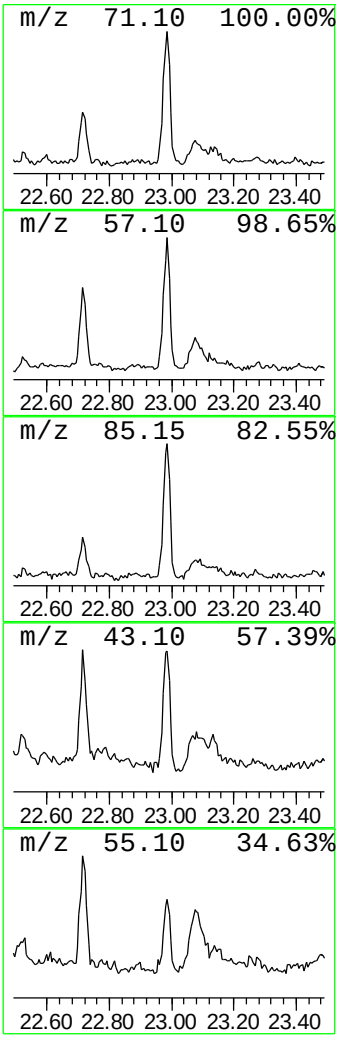
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.76 ng/ul	1020150	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87
4	Eicosane	282	C20H42	000112-95-8	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010294.D
Acq On : 28 May 2017 02:20
Operator : SJ/MA
Sample : I3162-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA 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
.gamma.-Terpinene	6.57	2.6	ng/ul	351185	1	7.93	2711410	20.0
n-Hexadecanoic acid	18.16	4.0	ng/ul	1050700	4	17.31	5286300	20.0
6-Octadecenoic acid	19.32	2.0	ng/ul	533966	4	17.31	5286300	20.0
Kaur-16-ene, (8.b...	19.36	2.0	ng/ul	536184	4	17.31	5286300	20.0
unknown-01	19.90	3.1	ng/ul	1178830	5	21.47	7547700	20.0
unknown-02	21.14	3.8	ng/ul	1433600	5	21.47	7547700	20.0
(DEL) Alkane: Str...	21.99	2.5	ng/ul	957913	5	21.47	7547700	20.0
Oleyl oleate	22.72	3.5	ng/ul	1284280	6	23.82	7403990	20.0
(DEL) Alkane: Str...	22.99	2.8	ng/ul	1020150	6	23.82	7403990	20.0