LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001835.D
Acq On : 21 Feb 2020 21:52
Operator : CG/JU
Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

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_P\METHODS\SOM-EPA-BP021820MA.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	2.922	3	6	27	rVB	613142	967038	5.64%	0.621%
2	3.175	44	49	63	rVB	105069	171186	1.00%	0.110%
3	3.446	92	95	103	rBV	21941	38280	0.22%	0.025%
4	3.905	168	173	179	rVB2	13941	19857	0.12%	0.013%
5	4.393	251	256	264	rBV	15324	26886	0.16%	0.017%
6	4.799	319	325	334	rBV2	22849	40510	0.24%	0.026%
7	6.834	662	671	682	rBV	2062645	3357672	19.58%	2.158%
8	6.993	691	698	709	rBV	1693032	2640275	15.40%	1.697%
9	7.193	724	732	745	rBV	2191573	3541028	20.65%	2.275%
10	7.652	800	810	819	rBV	1317837	2089907	12.19%	1.343%
11	7.734	819	824	830	rVB	20191	30124	0.18%	0.019%
12	8.357	923	930	944	rBV	2726613	4403560	25.68%	2.830%
13	8.799	995	1005	1017	rBV	2032695	3360212	19.60%	2.159%
14	8.981	1028	1036	1043	rVB9	9360	20913	0.12%	0.013%
15	9.287	1081	1088	1095	rVB	70575	110004	0.64%	0.071%
16	9.516	1118	1127	1137	rBV	1745295	2859279	16.67%	1.837%
17	10.051	1209	1218	1232	rBV	2946222	4794256	27.96%	3.081%
18	10.428	1274	1282	1290	rBV	1942430	3159673	18.43%	2.030%
19	10.557	1296	1304	1324	rBV	2865301	4871896	28.41%	3.131%
20	12.022	1545	1553	1560	rBV2	51174	85921	0.50%	0.055%
21	13.210	1749	1755	1761	rBV	47205	81424	0.47%	0.052%
22	13.528	1803	1809	1815	rBV3	15360	27006	0.16%	0.017%
23	13.704	1832	1839	1844	rBV	5114424	7441940	43.40%	4.782%
24	13.751	1844	1847	1855	rVB	869766	1087623	6.34%	0.699%
25	13.981	1878	1886	1895	rBV	6010628	9177307	53.52%	5.897%
26	14.286	1931	1938	1946	rBV	3021913	4585926	26.74%	2.947%
27	14.486	1962	1972	1986	rBV	2402299	3634092	21.19%	2.335%
28	14.716	2006	2011	2022	rBV5	25320	41709	0.24%	0.027%
29	15.186	2087	2091	2096	rVB	26728	35899	0.21%	0.023%
30	15.286	2101	2108	2118	rBV	7674083	11499037	67.06%	7.389%
31	15.404	2122	2128	2144	rBV	2347704	3175214	18.52%	2.040%
32	15.528	2144	2149	2156	rVB	93283	141644	0.83%	0.091%
33	16.075	2239	2242	2249	rVB	36952	53461	0.31%	0.034%
34	16.475	2306	2310	2319	rBV7	17802	35533	0.21%	0.023%

LSC Area Percent Report

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Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	16.722	2349	2352	2357	rVB3	18745	27017	0.16%	0.017%
36	16.827	2365	2370	2381	rVB2	21084	53266	0.31%	0.034%
37	17.039	2399	2406	2416	rBV	4208269	5822866	33.96%	3.742%
38	17.139	2416	2423	2434	rVV2	8450652	12330909	71.91%	7.924%
39	17.251	2438	2442	2455	rVB9	28277	56157	0.33%	0.036%
40	17.839	2538	2542	2550	rBV7	26261	44089	0.26%	0.028%
41	17.969	2558	2564	2568	rBV	815309	1150813	6.71%	0.740%
42	18.133	2590	2592	2599	rVB2	20831	30528	0.18%	0.020%
43	18.251	2608	2612	2619	rVB	48104	74376	0.43%	0.048%
44	18.463	2645	2648	2652	rBV2	13201	19264	0.11%	0.012%
45	18.804	2702	2706	2709	rVB5	18999	25138	0.15%	0.016%
46	18.974	2731	2735	2738	rBV4	20458	24390	0.14%	0.016%
47	19.027	2740	2744	2748	rVB	122840	158503	0.92%	0.102%
48	19.204	2770	2774	2781	rBV2	130929	202890	1.18%	0.130%
49	19.274	2782	2786	2793	rVB	115440	161035	0.94%	0.103%
50	19.386	2798	2805	2811	rVV	11225172	15124534	88.20%	9.719%
51	19.910	2891	2894	2898	rBV5	41458	60078	0.35%	0.039%
52	20.874	3053	3058	3066	rBV	2183738	2666810	15.55%	1.714%
53	21.133	3096	3102	3111	rBV	5740494	7261379	42.35%	4.666%
54	21.251	3117	3122	3128	rBV	278044	451269	2.63%	0.290%
55	21.310	3129	3132	3142	rVB2	155369	198038	1.15%	0.127%
56	21.745	3202	3206	3218	rBV2	256700	456491	2.66%	0.293%
57	22.186	3277	3281	3288	rBV2	557222	1246778	7.27%	0.801%
58	22.333	3301	3306	3313	rVB	862311	1167774	6.81%	0.750%
59	22.615	3351	3354	3359	rVB	125004	174843	1.02%	0.112%
60	22.715	3366	3371	3376	rBV	482074	704139	4.11%	0.452%
61	23.209	3446	3455	3463	rBV	8952546	17147612	100.00%	11.019%
62	23.286	3463	3468	3472	rVV	574393	999447	5.83%	0.642%
63	23.345	3472	3478	3494	rVB	3963798	7683133	44.81%	4.937%
64	23.939	3573	3579	3585	rBV	501885	989255	5.77%	0.636%
65	24.009	3586	3591	3605	rVB	356234	787173	4.59%	0.506%
66	24.692	3702	3707	3714	rVB	336879	710376	4.14%	0.456%

Sum of corrected areas: 155616662

LSC Report - Integrated Chromatogram

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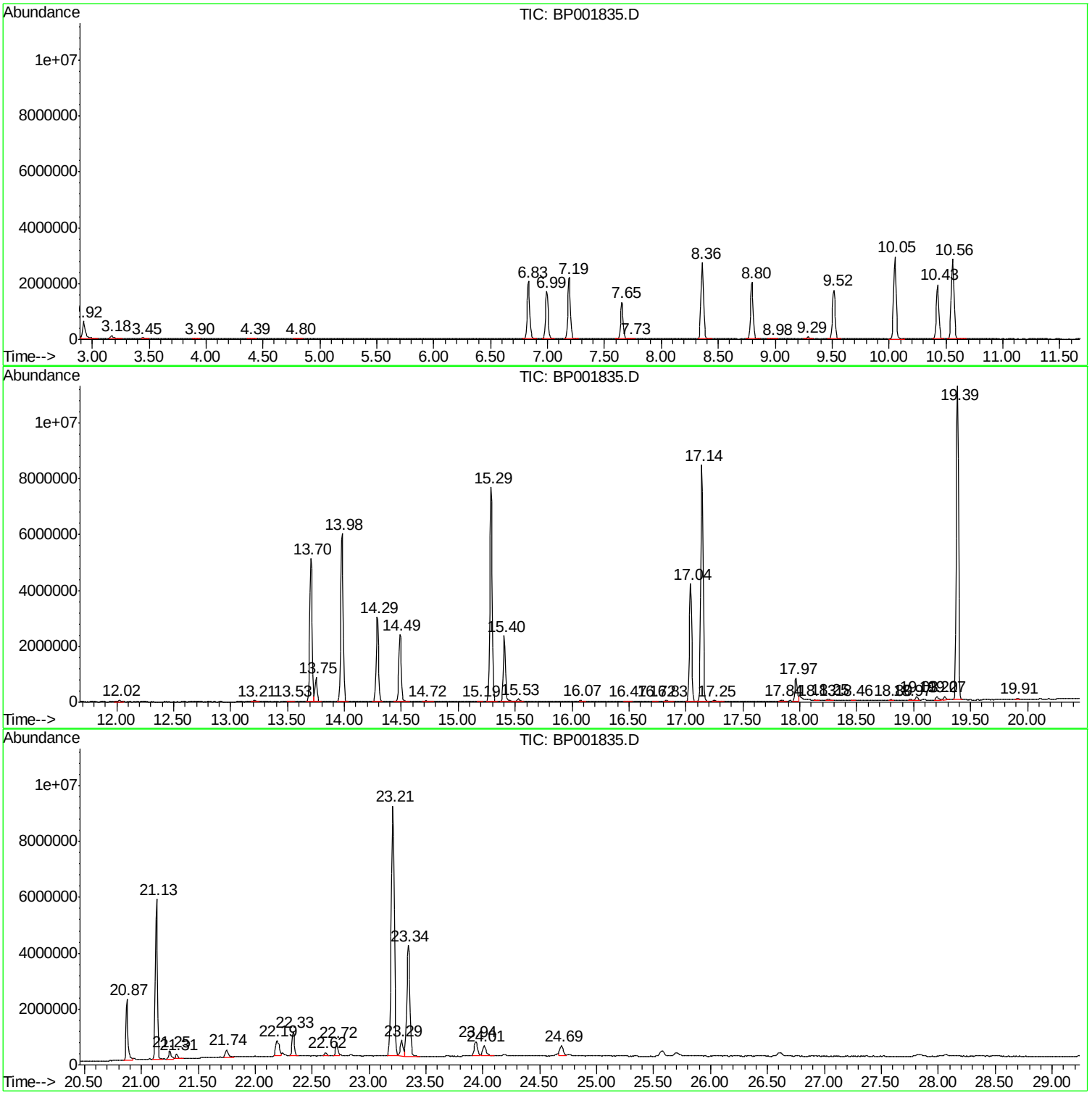
Operator : CG/JU
Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

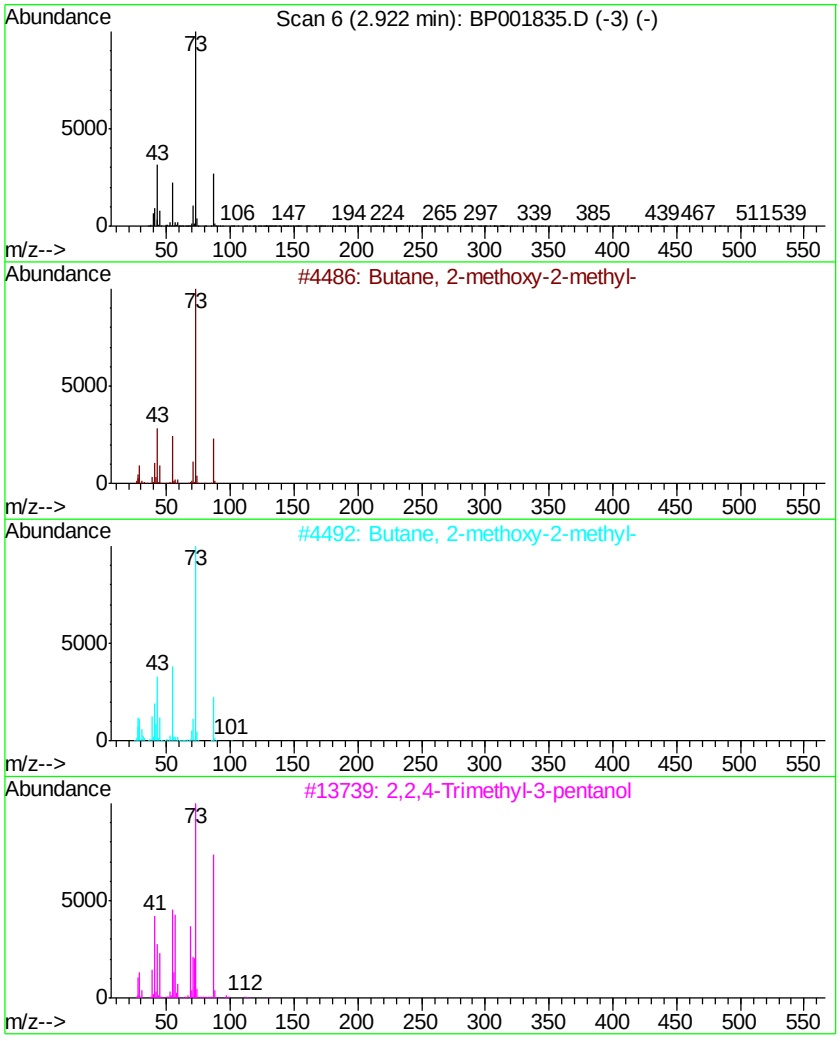
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

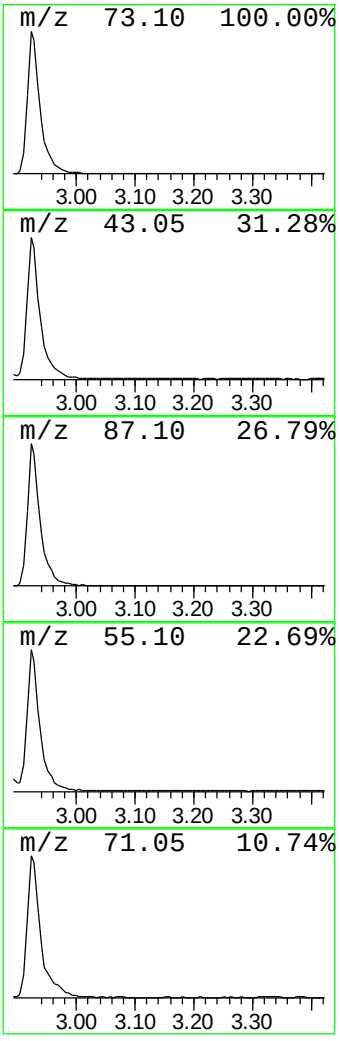
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	9.25 ng/ul	967038	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

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Data File : BP001835.D
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Operator : CG/JU
Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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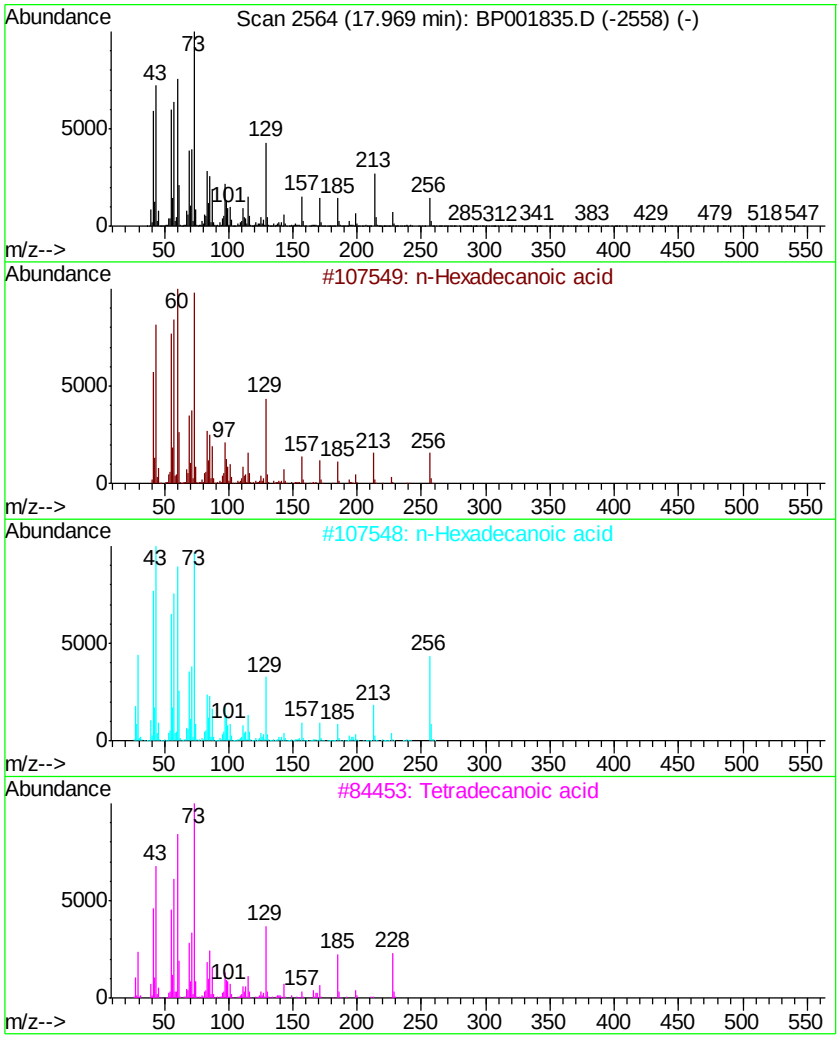
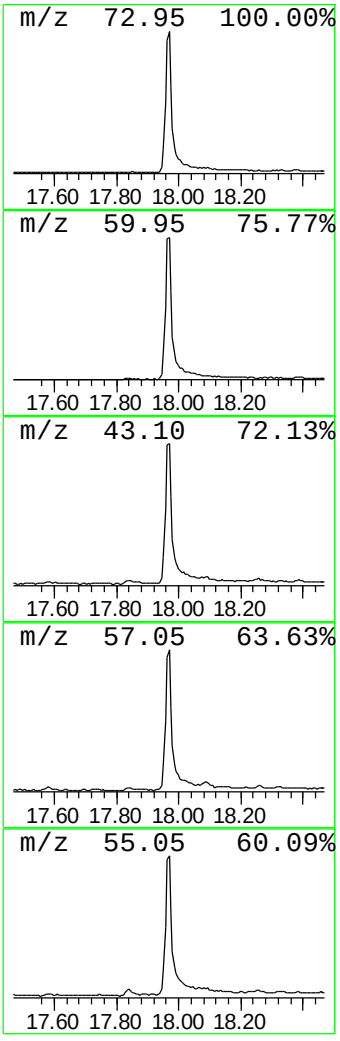
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.95 ng/ul	1150810	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

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Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

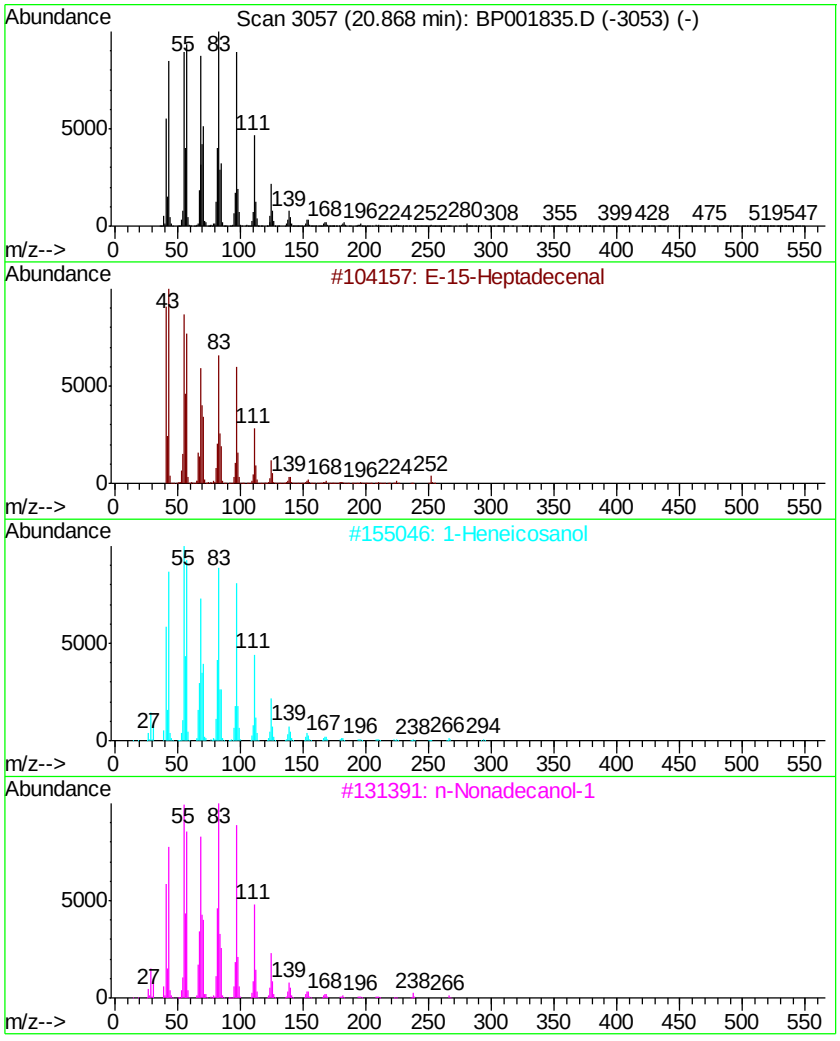
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

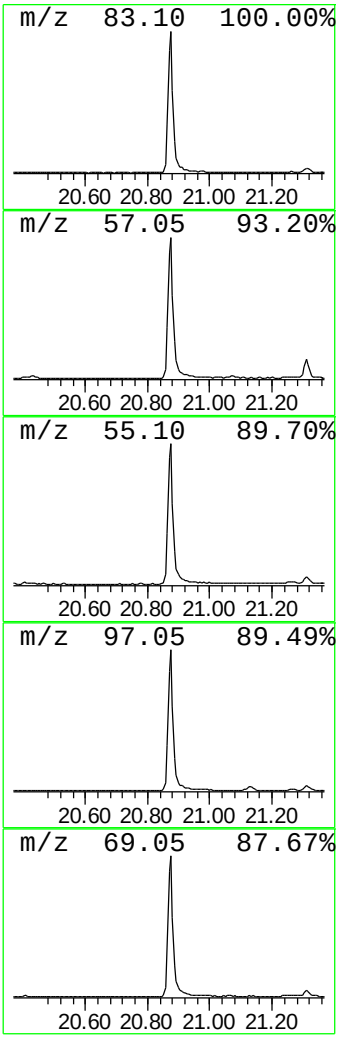
****

Peak Number 3 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.35 ng/ul	2666810	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Nonadecene	266	C19H38	018435-45-5	94





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

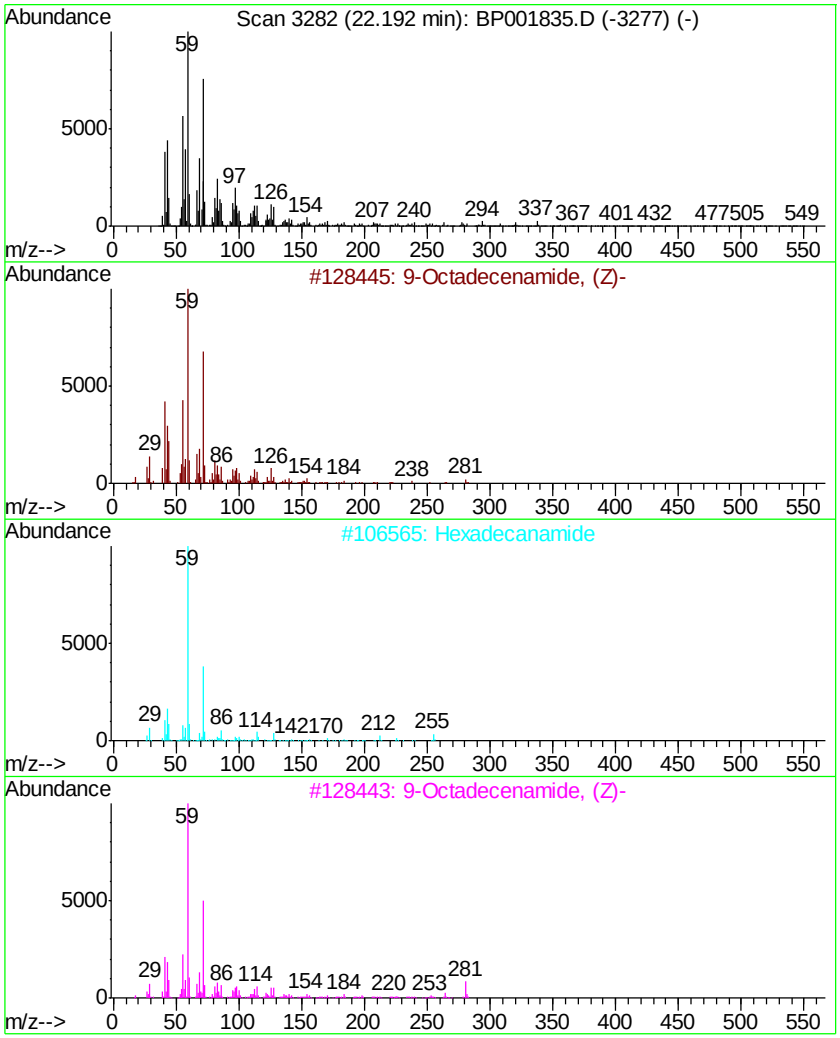
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

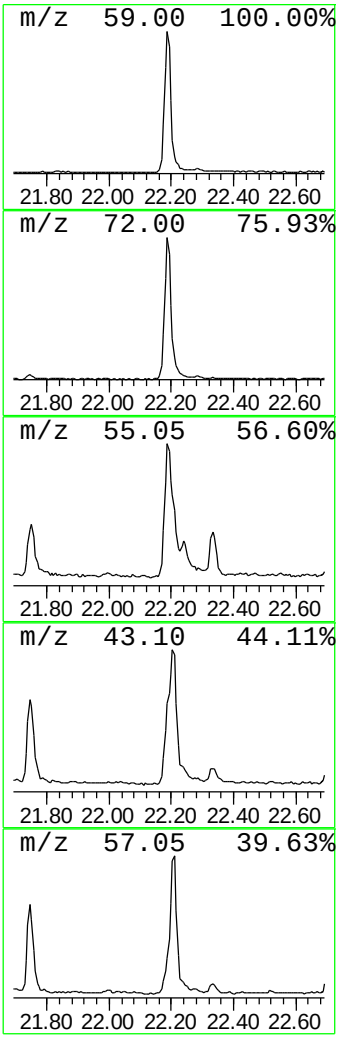
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.43 ng/ul	1246780	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Hexadecanamide	255	C16H33NO	000629-54-9	59
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	7-Nonenamide	155	C9H17NO	090949-53-4	43
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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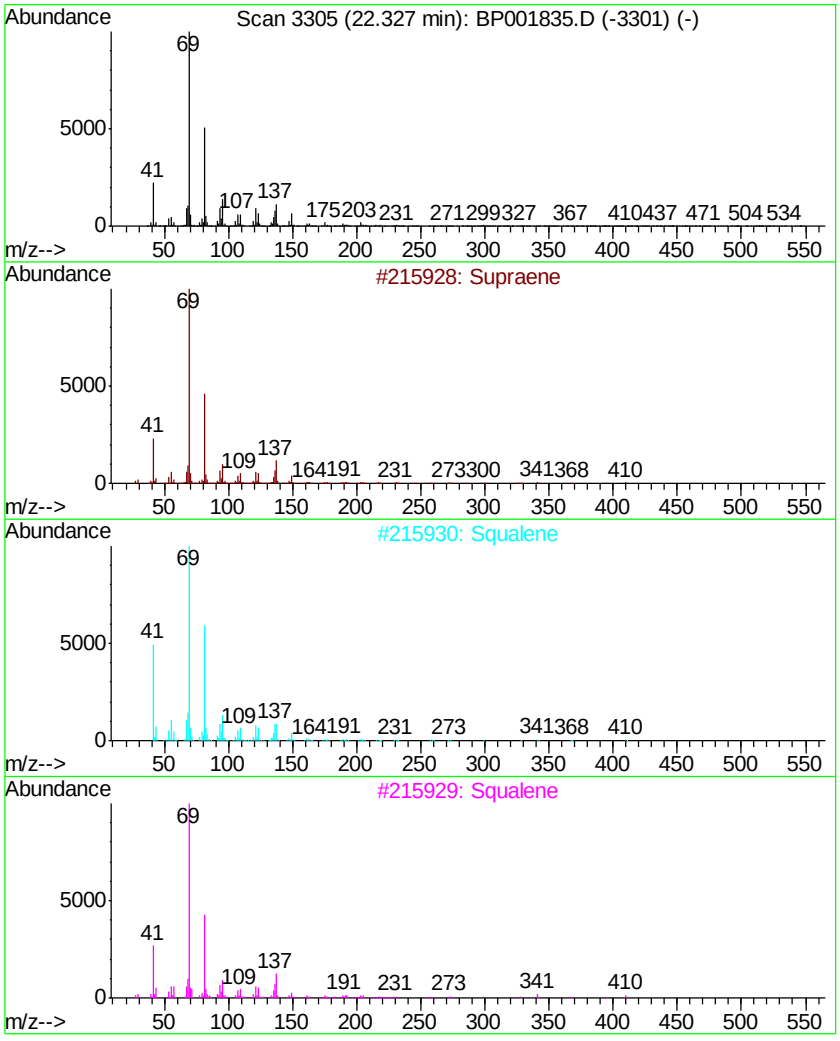
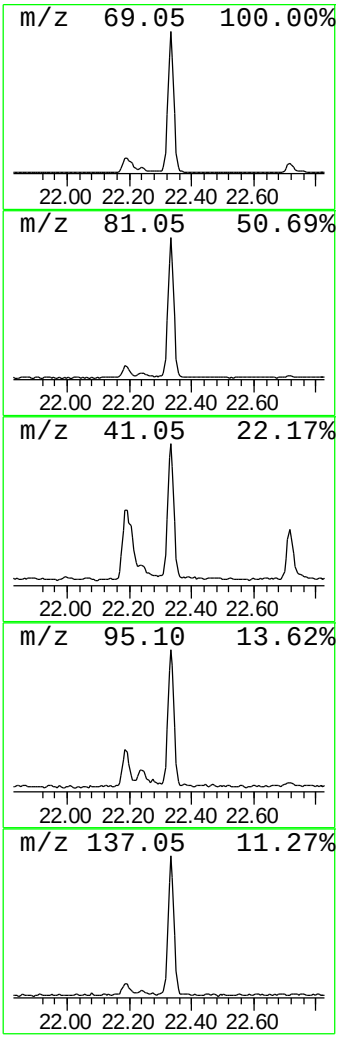
Peak Number 5 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.04 ng/ul	1167770	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	91





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Quant Title : SVOA CALIBRATION

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

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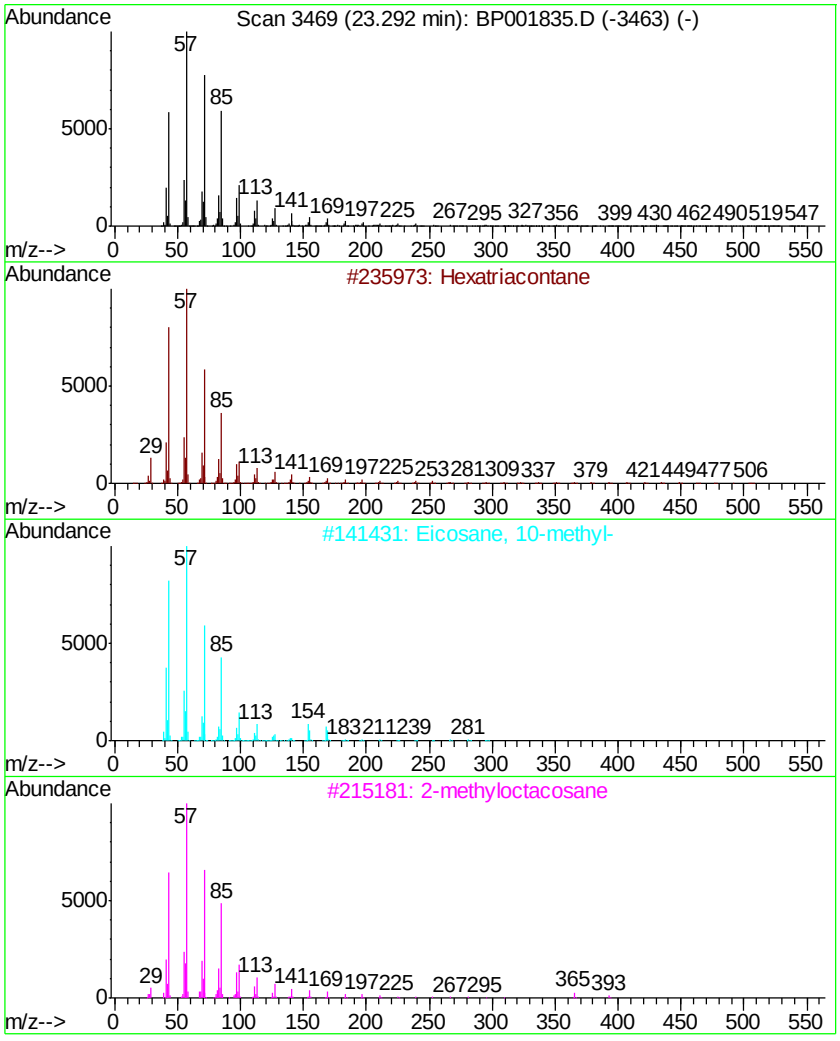
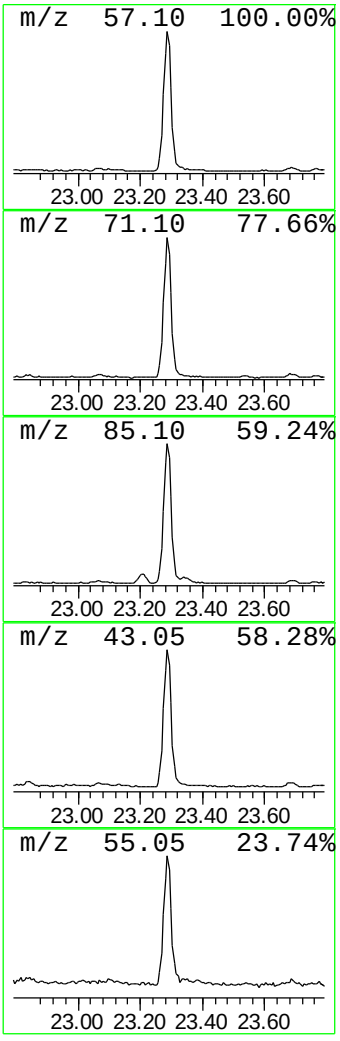
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.60 ng/ul	999447	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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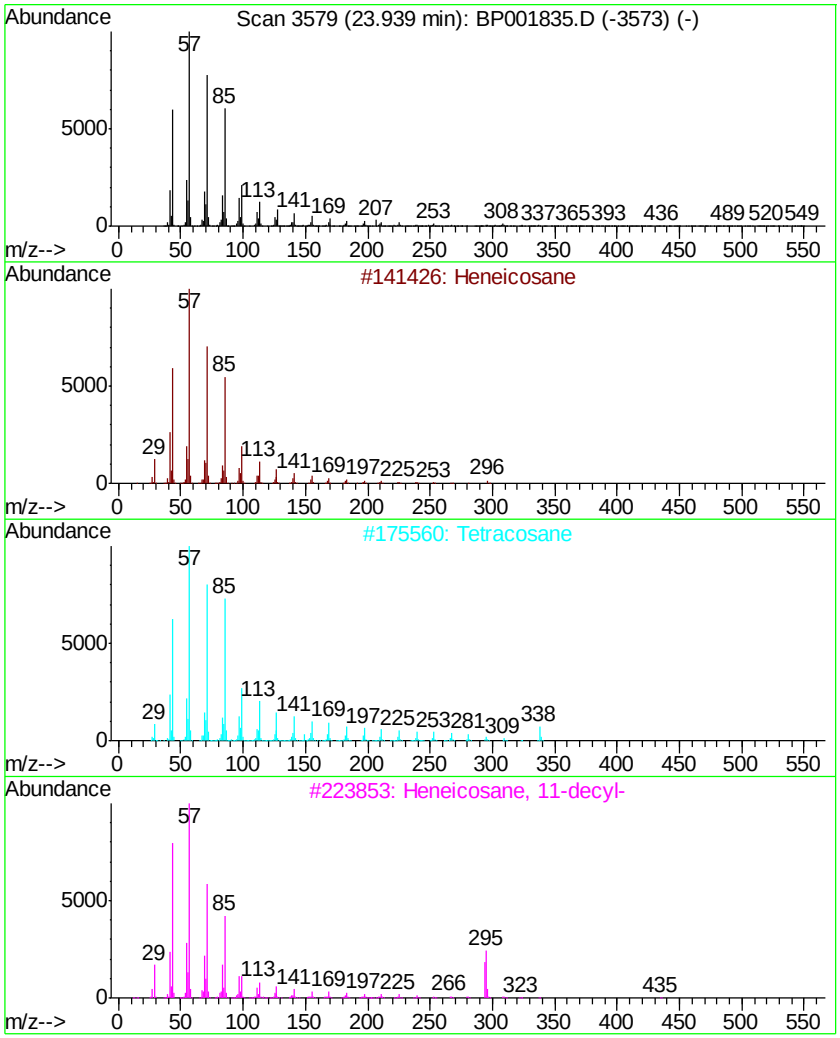
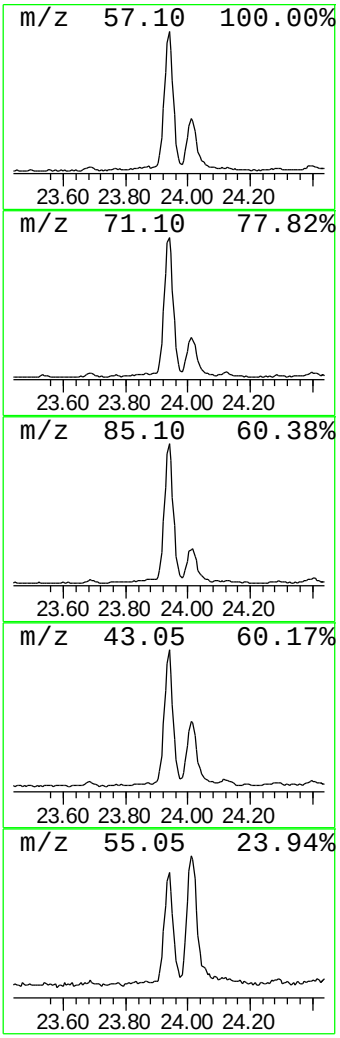
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.58 ng/ul	989255	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BP001835.D
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Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

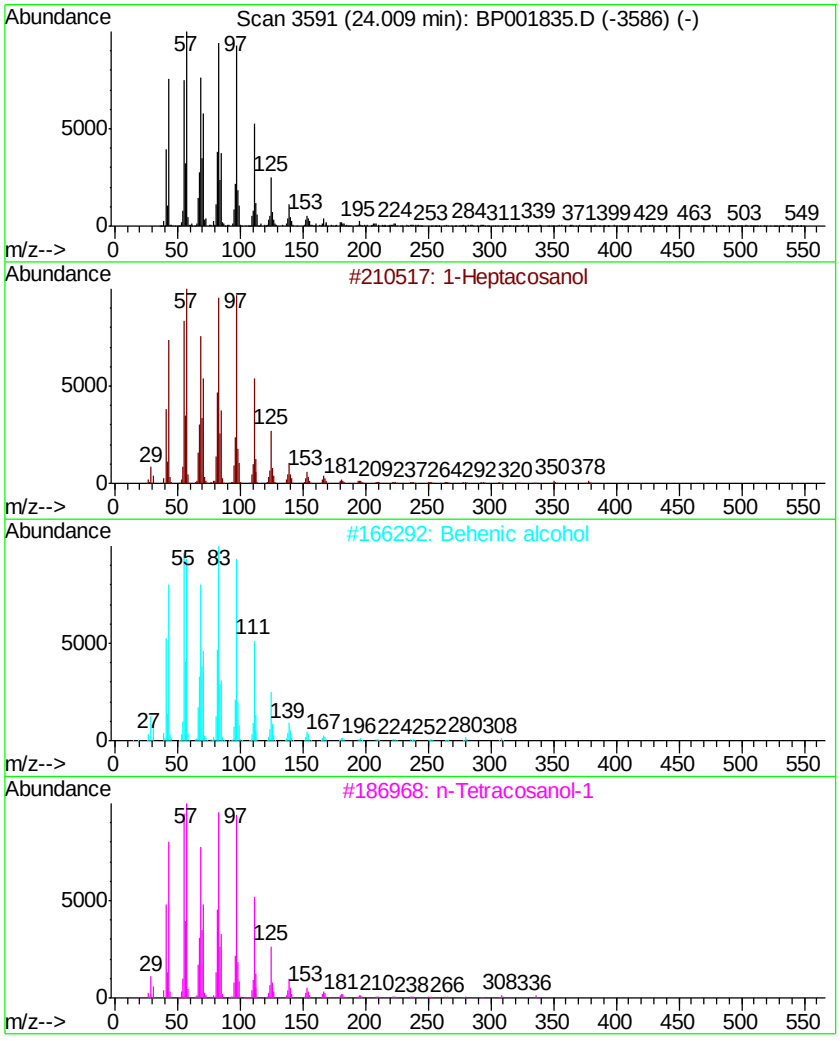
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

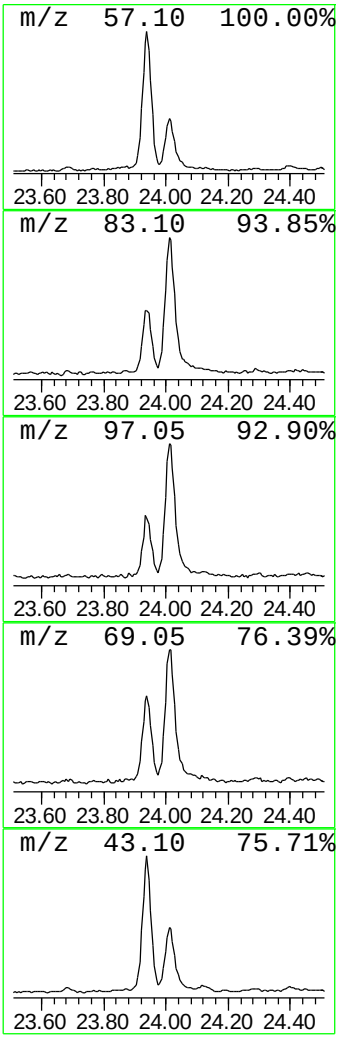
****

Peak Number 8 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.05 ng/ul	787173	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Octacosanol	410	C28H58O	000557-61-9	93
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001835.D
Acq On : 21 Feb 2020 21:52
Operator : CG/JU
Sample : L1506-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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
Butane, 2-methoxy...	2.92	9.3	ng/ul	967038	1	7.65	2089910	20.0
n-Hexadecanoic acid	17.97	4.0	ng/ul	1150810	4	17.04	5822870	20.0
E-15-Heptadecenal	20.87	7.3	ng/ul	2666810	5	21.13	7261380	20.0
9-Octadecenamide,...	22.19	3.4	ng/ul	1246780	5	21.13	7261380	20.0
Supraene	22.33	3.0	ng/ul	1167770	6	23.34	7683130	20.0
(DEL) Alkane: Str...	23.29	2.6	ng/ul	999447	6	23.34	7683130	20.0
(DEL) Alkane: Str...	23.94	2.6	ng/ul	989255	6	23.34	7683130	20.0
1-Heptacosanol	24.01	2.0	ng/ul	787173	6	23.34	7683130	20.0