LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001842.D
Acq On : 22 Feb 2020 02:22
Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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	2.923	3	6	23	rVB	807448	1219096	8.22%	0.781%
2	3.170	44	48	64	rVB	111503	177134	1.19%	0.113%
3	3.452	94	96	104	rBV	9771	16420	0.11%	0.011%
4	3.905	169	173	177	rVB	12544	17693	0.12%	0.011%
5	4.122	206	210	217	rBV	15242	23497	0.16%	0.015%
6	4.387	251	255	262	rBV4	10384	17936	0.12%	0.011%
7	4.799	321	325	334	rVB	28004	46108	0.31%	0.030%
8	6.834	662	671	687	rVB	1936047	3228204	21.76%	2.068%
9	6.993	690	698	712	rBV	1710298	2613982	17.62%	1.675%
10	7.187	724	731	744	rBV	2186982	3522037	23.74%	2.256%
11	7.652	802	810	820	rBV	1374326	2166479	14.60%	1.388%
12	7.734	820	824	830	rVB	14052	23725	0.16%	0.015%
13	8.163	892	897	903	rBV5	7908	15588	0.11%	0.010%
14	8.358	922	930	943	rBV	2417279	3801151	25.62%	2.435%
15	8.793	993	1004	1015	rBV	2032812	3286014	22.15%	2.105%
16	8.981	1032	1036	1044	rVB9	10740	17971	0.12%	0.012%
17	9.287	1081	1088	1096	rVB	73829	116559	0.79%	0.075%
18	9.516	1116	1127	1135	rBV	1706137	2806489	18.92%	1.798%
19	10.052	1209	1218	1234	rBV	2819951	4685700	31.58%	3.002%
20	10.428	1273	1282	1294	rBV	1969724	3240942	21.84%	2.076%
21	10.557	1296	1304	1324	rBV	2634623	4462845	30.08%	2.859%
22	12.022	1547	1553	1561	rVB	53548	88524	0.60%	0.057%
23	13.040	1721	1726	1730	rBV4	14350	25325	0.17%	0.016%
24	13.093	1730	1735	1739	rVB3	11636	19108	0.13%	0.012%
25	13.210	1747	1755	1760	rBV	46181	84925	0.57%	0.054%
26	13.704	1832	1839	1844	rBV	4945661	6863823	46.26%	4.397%
27	13.751	1844	1847	1853	rVB	586808	759937	5.12%	0.487%
28	13.910	1869	1874	1878	rBV2	14783	21384	0.14%	0.014%
29	13.981	1878	1886	1897	rVV	5514062	8661716	58.38%	5.549%
30	14.287	1932	1938	1946	rVV2	3047491	4604804	31.04%	2.950%
31	14.375	1947	1953	1958	rVB7	23541	39332	0.27%	0.025%
32	14.487	1964	1972	1985	rBV	2195082	3342219	22.53%	2.141%
33	14.628	1992	1996	1999	rBV	15218	22255	0.15%	0.014%
34	14.716	2007	2011	2014	rBV3	19013	27202	0.18%	0.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001842.D
Acq On : 22 Feb 2020 02:22
Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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	14.945	2046	2050	2058	rVB7	9476	21138	0.14%	0.014%
36	15.122	2077	2080	2084	rVB2	11268	14879	0.10%	0.010%
37	15.187	2084	2091	2096	rBV2	15109	24268	0.16%	0.016%
38	15.287	2101	2108	2115	rVV	7315409	10688843	72.04%	6.847%
39	15.404	2122	2128	2143	rBV	2045053	2841118	19.15%	1.820%
40	15.528	2144	2149	2154	rVB	89302	132093	0.89%	0.085%
41	15.863	2201	2206	2211	rBV7	8328	16441	0.11%	0.011%
42	16.075	2239	2242	2250	rVB2	36566	57148	0.39%	0.037%
43	16.345	2284	2288	2294	rBV6	21306	35062	0.24%	0.022%
44	16.475	2305	2310	2323	rBV	178617	294850	1.99%	0.189%
45	16.592	2327	2330	2338	rVB3	18164	34191	0.23%	0.022%
46	16.722	2350	2352	2359	rVB3	20950	27003	0.18%	0.017%
47	16.834	2365	2371	2378	rBV4	30696	76962	0.52%	0.049%
48	16.892	2379	2381	2391	rVB8	17828	32773	0.22%	0.021%
49	16.975	2391	2395	2399	rBV6	15690	27001	0.18%	0.017%
50	17.039	2400	2406	2412	rVV	4134006	5888249	39.69%	3.772%
51	17.081	2412	2413	2416	rVV	79081	69633	0.47%	0.045%
52	17.139	2416	2423	2435	rVB2	7924149	11342219	76.44%	7.266%
53	17.245	2436	2441	2456	rBV	168450	270474	1.82%	0.173%
54	17.404	2463	2468	2474	rBV3	27625	45096	0.30%	0.029%
55	17.581	2493	2498	2503	rBV9	15092	29812	0.20%	0.019%
56	17.839	2537	2542	2551	rBV	514488	806611	5.44%	0.517%
57	17.910	2552	2554	2558	rVV3	34117	46548	0.31%	0.030%
58	17.969	2559	2564	2584	rVV	2145014	3342788	22.53%	2.141%
59	18.251	2608	2612	2619	rBV4	51135	100430	0.68%	0.064%
60	18.498	2650	2654	2662	rVB5	41970	75587	0.51%	0.048%
61	18.616	2671	2674	2677	rBV3	29032	41091	0.28%	0.026%
62	18.728	2690	2693	2698	rBV3	29357	41328	0.28%	0.026%
63	19.028	2739	2744	2746	rBV	127907	173838	1.17%	0.111%
64	19.057	2746	2749	2751	rVV	187403	242245	1.63%	0.155%
65	19.081	2751	2753	2758	rVV	190626	330410	2.23%	0.212%
66	19.128	2758	2761	2770	rVV2	186407	303516	2.05%	0.194%
67	19.204	2770	2774	2782	rVV	263818	424272	2.86%	0.272%
68	19.275	2782	2786	2793	rVB	122002	194421	1.31%	0.125%
69	19.386	2799	2805	2817	rVB2	9798060	14056548	94.74%	9.005%
70	19.910	2891	2894	2898	rBV3	50047	63447	0.43%	0.041%
71	20.875	3053	3058	3072	rBV	2186639	2772352	18.69%	1.776%

LSC Area Percent Report

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Acq On : 22 Feb 2020 02:22
Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

72	21.133	3096	3102	3111	rBV	5537224	7137355	48.10%	4.572%
73	21.245	3118	3121	3129	rBV	265127	385472	2.60%	0.247%
74	21.310	3129	3132	3141	rVB2	140504	176543	1.19%	0.113%
75	21.751	3203	3207	3213	rBV2	244258	385926	2.60%	0.247%
76	22.186	3277	3281	3288	rBV2	483546	977343	6.59%	0.626%
77	22.333	3301	3306	3313	rVB	5003337	7067261	47.63%	4.527%
78	22.716	3367	3371	3376	rVB	278427	367766	2.48%	0.236%
79	23.210	3447	3455	3463	rBV	7643813	14837240	100.00%	9.505%
80	23.286	3464	3468	3471	rVV	286743	474073	3.20%	0.304%
81	23.345	3471	3478	3490	rVB2	3783579	7250219	48.87%	4.644%
82	23.939	3574	3579	3586	rBV	289281	531545	3.58%	0.341%
83	24.010	3587	3591	3603	rVB2	353485	741263	5.00%	0.475%
84	24.645	3694	3699	3704	rBV3	320579	722035	4.87%	0.463%

Sum of corrected areas: 156104850

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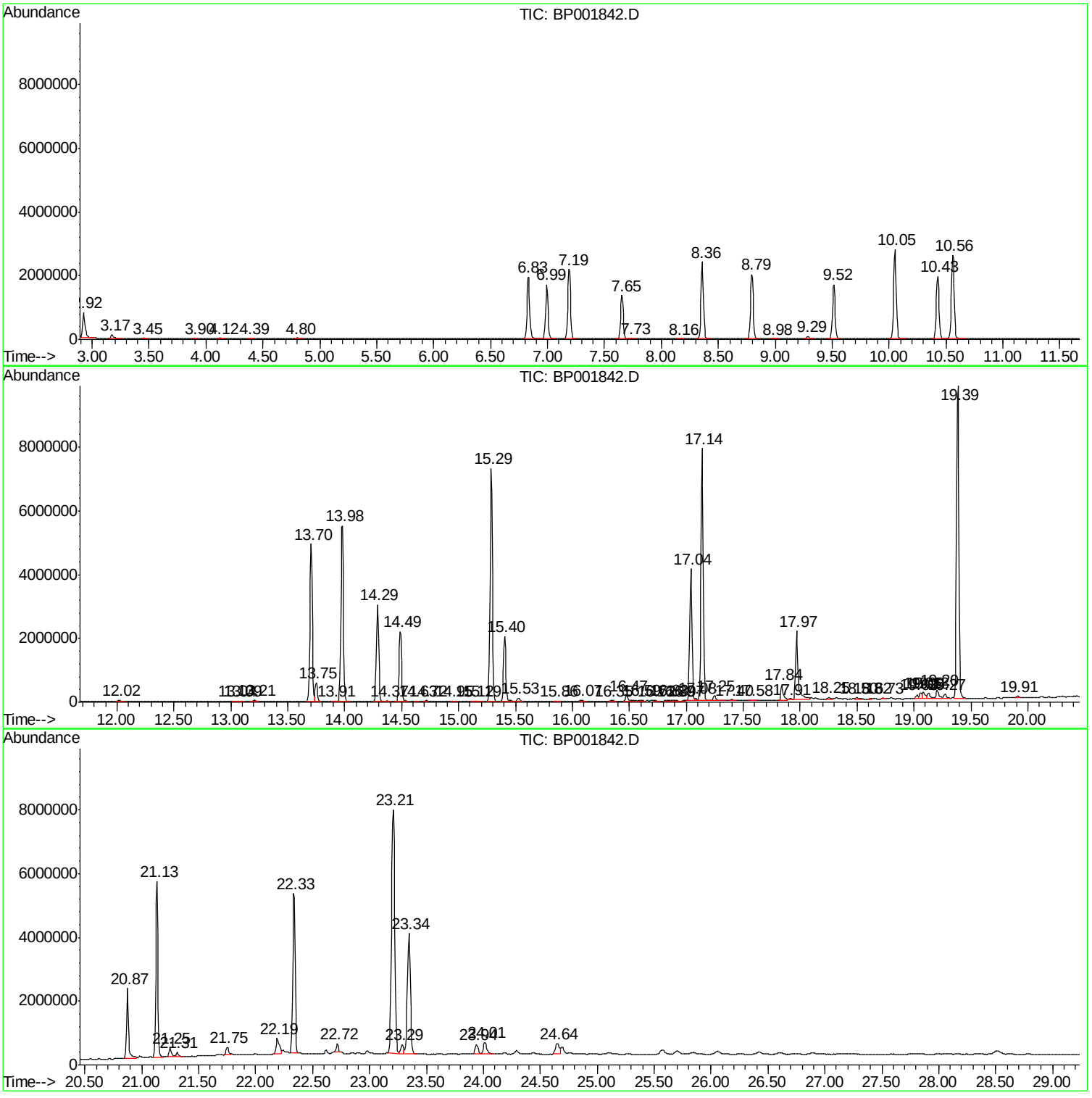
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001842.D
Acq On : 22 Feb 2020 02:22
Operator : CG/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

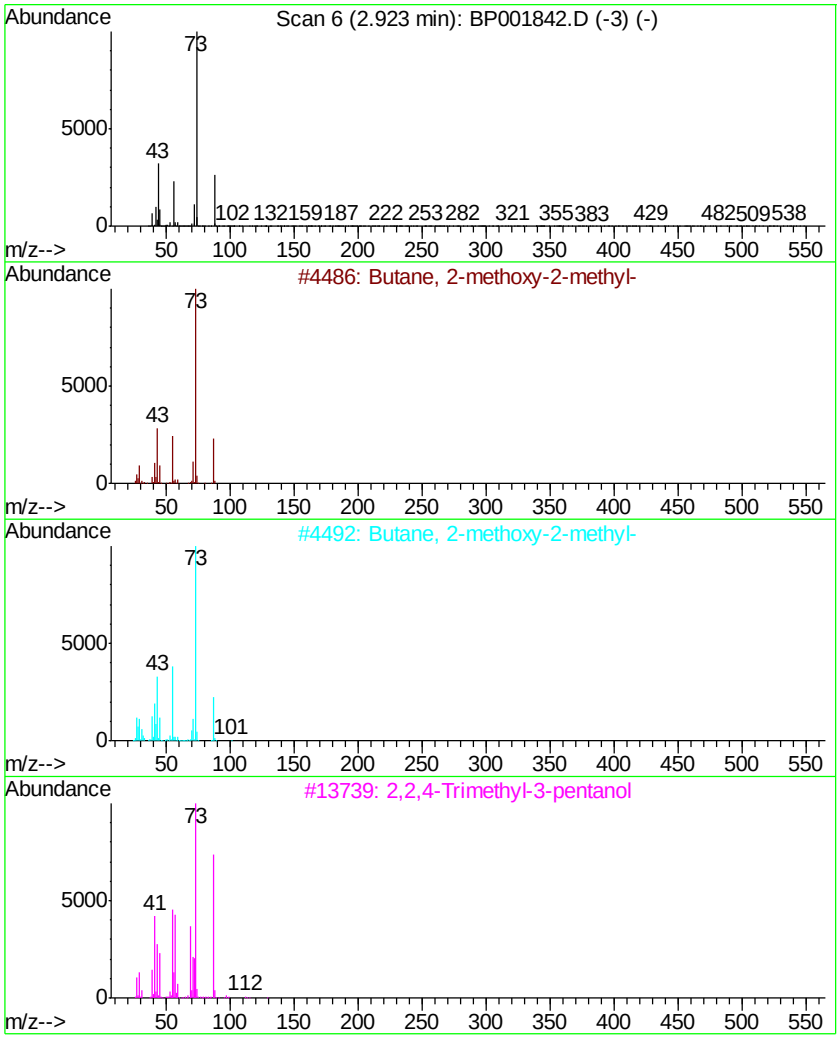
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

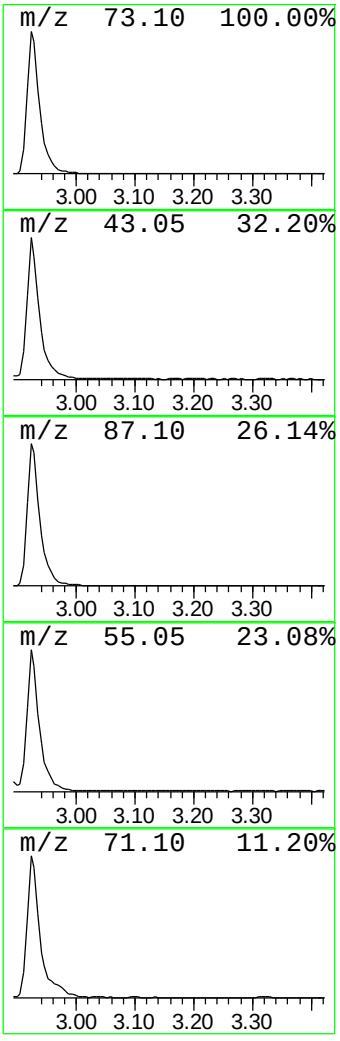
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	11.25 ng/ul	1219100	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	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001842.D
Acq On : 22 Feb 2020 02:22
Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

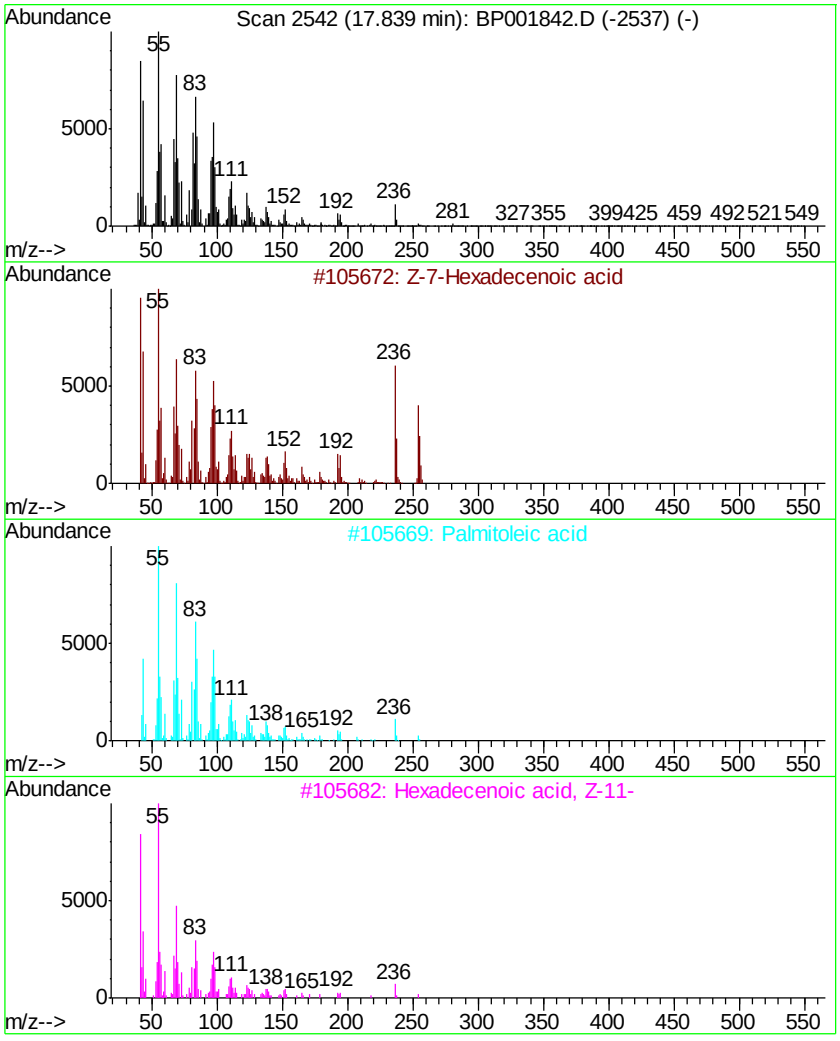
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

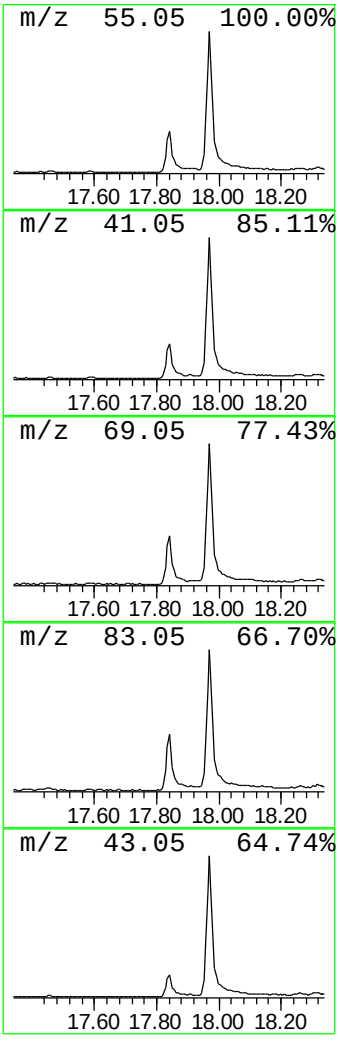
****

Peak Number 2 Z-7-Hexadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.74 ng/ul	806611	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	98
2	Palmitoleic acid	254	C16H30O2	000373-49-9	93
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
4	Chloroacetic acid, undecyl ester	248	C13H25ClO2	005458-29-7	89
5	Disparlure	282	C19H38O	029804-22-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001842.D
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Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

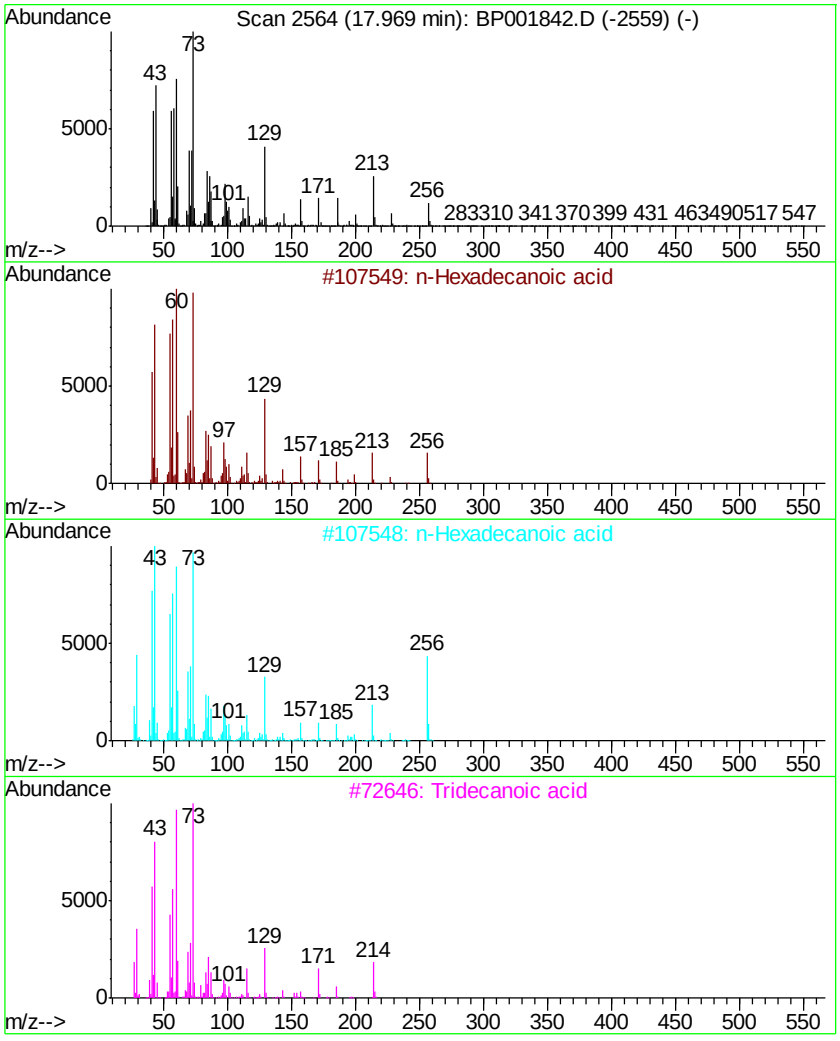
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

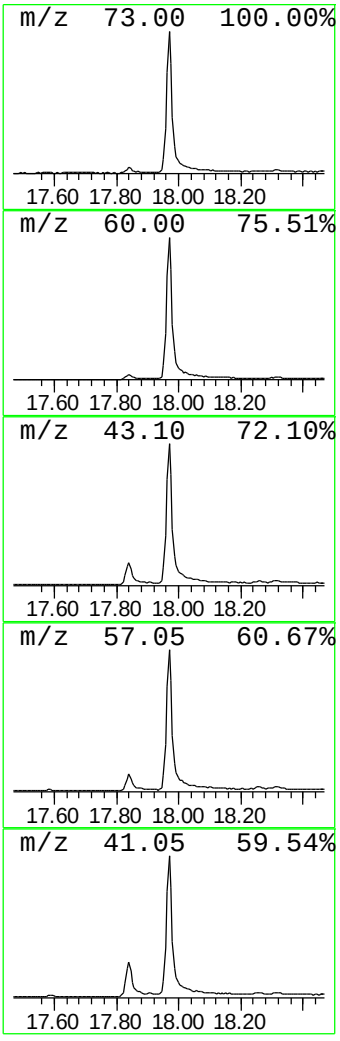
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	11.35 ng/ul	3342790	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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Library Search Compound Report

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ClientSampleId : DBCZ3

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

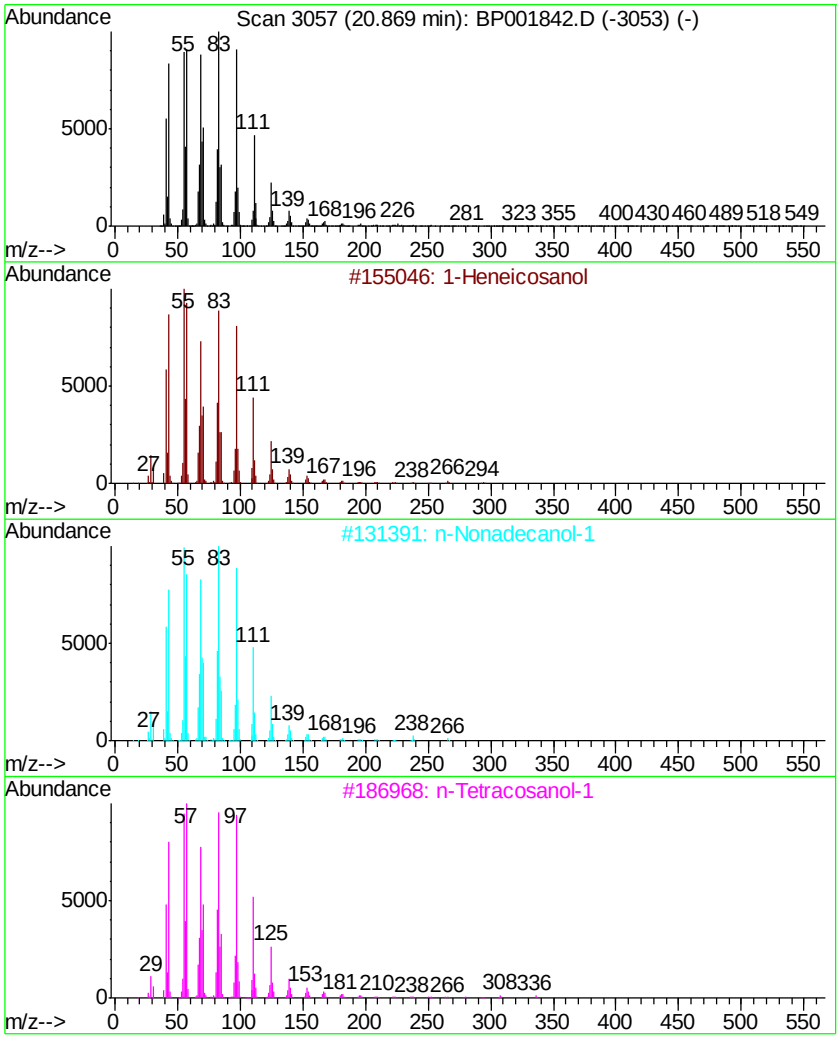
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

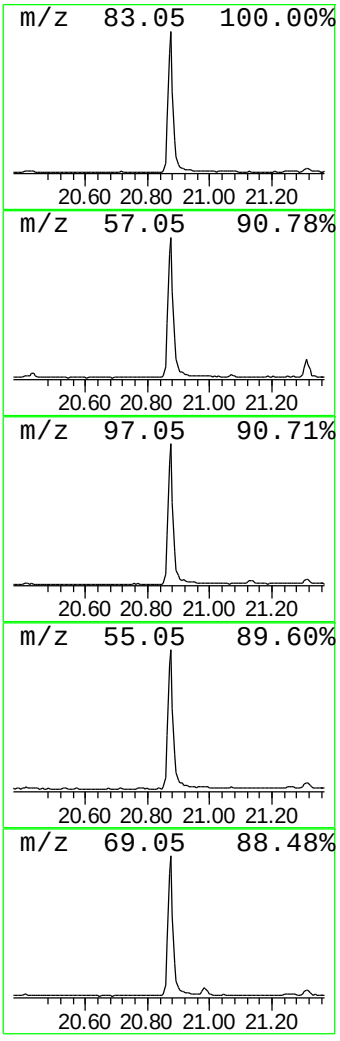
****

Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.77 ng/ul	2772350	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

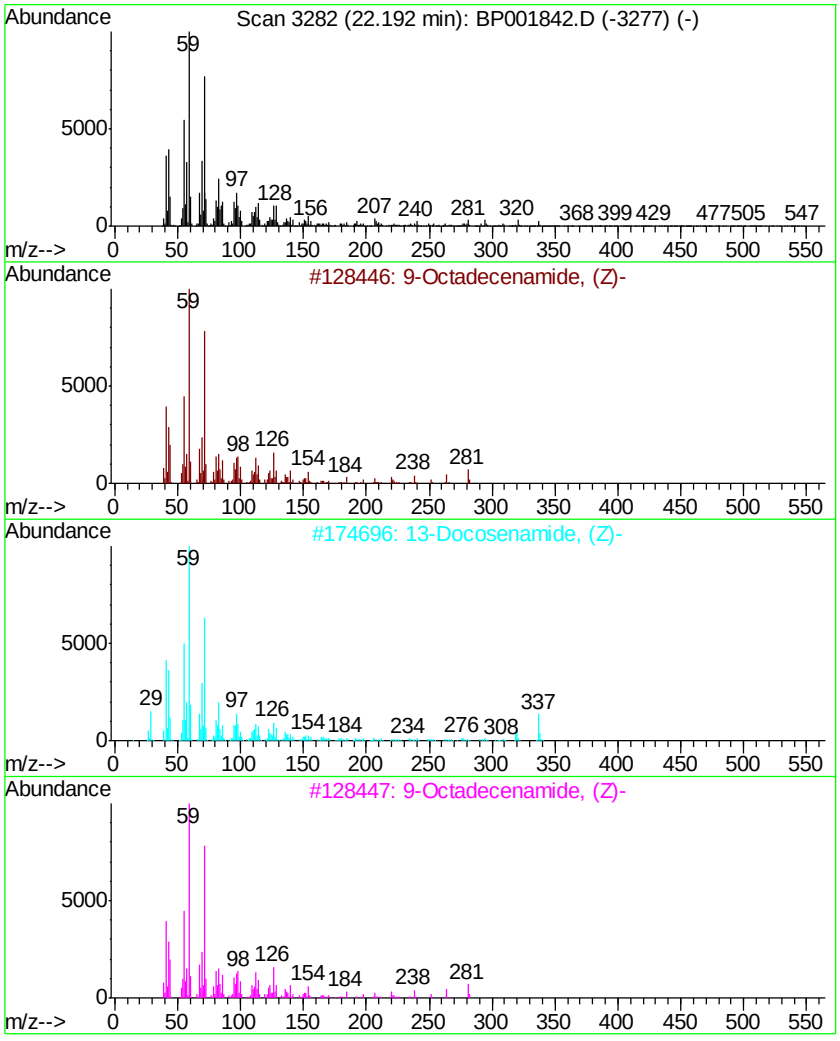
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

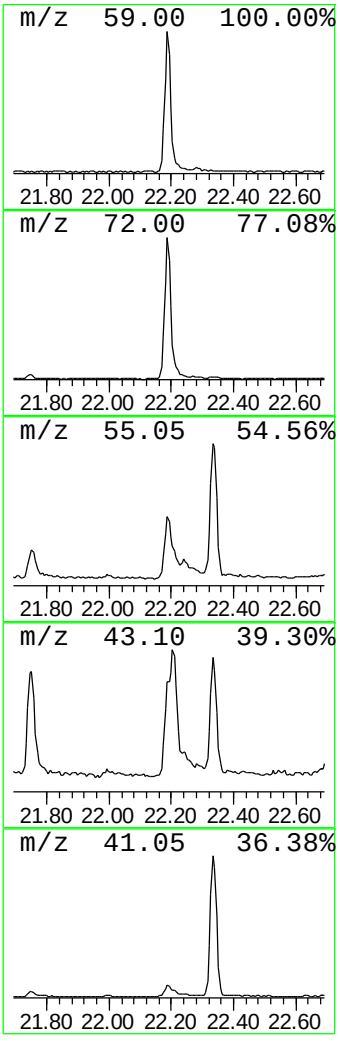
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.74 ng/ul	977343	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72





Library Search Compound Report

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Data File : BP001842.D
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Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

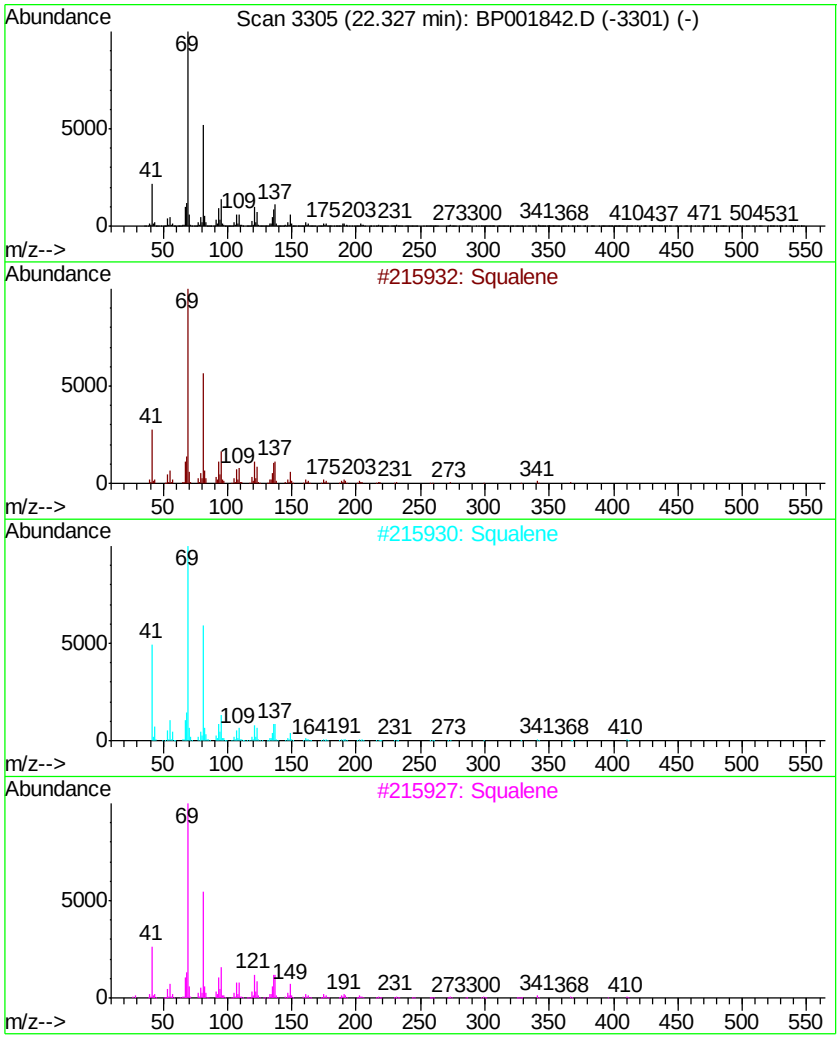
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

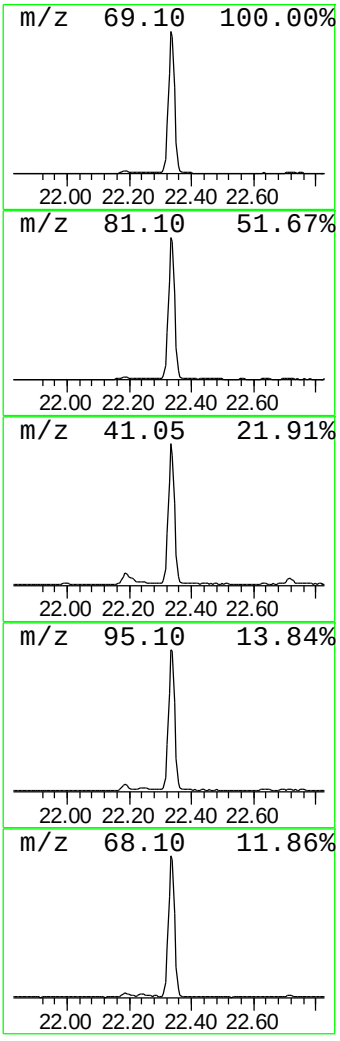
****

Peak Number 6 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	19.50 ng/ul	7067260	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Squalene	410	C30H50	000111-02-4	91
3	Squalene	410	C30H50	000111-02-4	91
4	Supraene	410	C30H50	007683-64-9	91
5	Squalene	410	C30H50	000111-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001842.D
Acq On : 22 Feb 2020 02:22
Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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

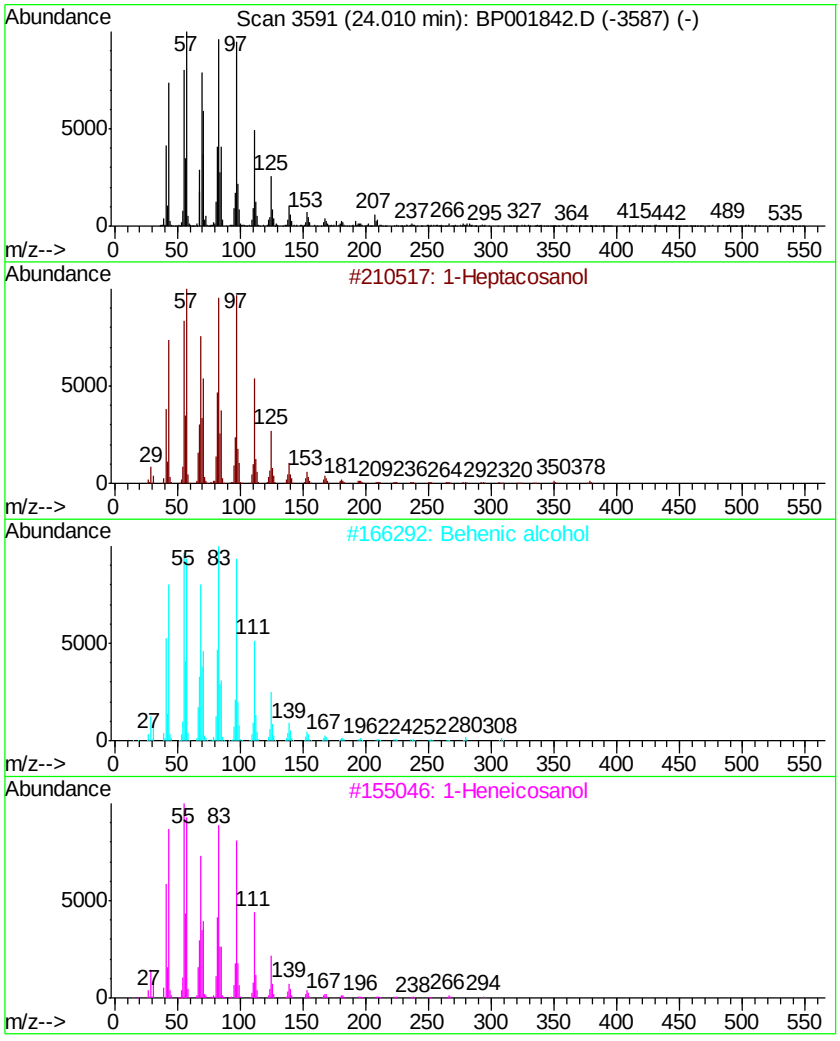
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

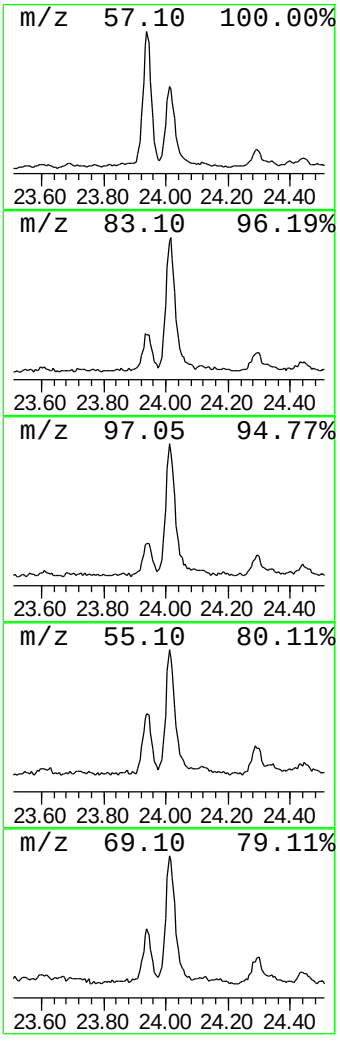
****

Peak Number 7 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.04 ng/ul	741263	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001842.D
Acq On : 22 Feb 2020 02:22
Operator : CG/JU
Sample : L1506-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ3

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	11.3	ng/ul	1219100	1	7.65	2166480	20.0
Z-7-Hexadecenoic ...	17.84	2.7	ng/ul	806611	4	17.04	5888250	20.0
n-Hexadecanoic acid	17.97	11.4	ng/ul	3342790	4	17.04	5888250	20.0
1-Heneicosanol	20.87	7.8	ng/ul	2772350	5	21.13	7137360	20.0
9-Octadecenamide,...	22.19	2.7	ng/ul	977343	5	21.13	7137360	20.0
Squalene	22.33	19.5	ng/ul	7067260	6	23.34	7250220	20.0
1-Heptacosanol	24.01	2.0	ng/ul	741263	6	23.34	7250220	20.0