LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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	23	rVB	511203	794865	6.06%	0.643%
2	3.175	44	49	64	rVB	77644	127111	0.97%	0.103%
3	3.452	93	96	100	rBV	9519	14514	0.11%	0.012%
4	3.899	169	172	178	rVB	9866	14203	0.11%	0.011%
5	4.393	250	256	263	rVB	22106	39612	0.30%	0.032%
6	4.804	321	326	333	rVB2	16992	28784	0.22%	0.023%
7	6.834	663	671	686	rVB	1387304	2328622	17.77%	1.884%
8	6.993	691	698	712	rVB	1236196	1906994	14.55%	1.543%
9	7.187	723	731	742	rBV	1565859	2543955	19.41%	2.058%
10	7.651	803	810	819	rBV	1123080	1784985	13.62%	1.444%
11	7.734	820	824	829	rVB2	10465	16095	0.12%	0.013%
12	8.357	923	930	943	rBV	1771488	2841104	21.68%	2.298%
13	8.792	995	1004	1014	rBV	1467995	2417390	18.44%	1.955%
14	8.981	1031	1036	1044	rVB6	12719	21289	0.16%	0.017%
15	9.287	1082	1088	1096	rVB	55068	86339	0.66%	0.070%
16	9.516	1118	1127	1135	rBV	1242685	2021512	15.42%	1.635%
17	10.051	1209	1218	1234	rBV	2089286	3435738	26.21%	2.779%
18	10.428	1273	1282	1290	rBV	1631707	2711900	20.69%	2.194%
19	10.557	1296	1304	1320	rBV	1971207	3371348	25.72%	2.727%
20	12.022	1546	1553	1560	rVB2	35729	64483	0.49%	0.052%
21	13.210	1748	1755	1760	rBV	42011	70705	0.54%	0.057%
22	13.704	1832	1839	1844	rBV	3985953	5483194	41.84%	4.435%
23	13.751	1844	1847	1854	rVB	688494	873176	6.66%	0.706%
24	13.980	1878	1886	1900	rBV	4456960	6821095	52.04%	5.518%
25	14.292	1932	1939	1947	rBV	2591096	3938710	30.05%	3.186%
26	14.486	1962	1972	1992	rBV	1800833	2598335	19.83%	2.102%
27	14.716	2006	2011	2015	rBV8	10591	18545	0.14%	0.015%
28	15.127	2076	2081	2085	rVB2	16266	21592	0.16%	0.017%
29	15.186	2088	2091	2096	rVB3	10902	14913	0.11%	0.012%
30	15.286	2100	2108	2120	rBV	5978067	8640456	65.93%	6.989%
31	15.404	2122	2128	2143	rBV	1612678	2245355	17.13%	1.816%
32	15.527	2145	2149	2158	rVB	74106	109197	0.83%	0.088%
33	16.074	2239	2242	2249	rVB3	25536	37946	0.29%	0.031%
34	16.721	2349	2352	2357	rVB4	12978	21105	0.16%	0.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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	16.821	2365	2369	2380	rVB3	20160	50509	0.39%	0.041%
36	17.039	2400	2406	2416	rVB	3523601	5071891	38.70%	4.103%
37	17.139	2416	2423	2434	rBV2	6477677	9282864	70.83%	7.509%
38	17.251	2438	2442	2449	rVB9	16341	24962	0.19%	0.020%
39	17.398	2463	2467	2474	rVV2	25510	44812	0.34%	0.036%
40	17.739	2520	2525	2529	rVB8	10767	19553	0.15%	0.016%
41	17.839	2539	2542	2548	rBV7	17402	28559	0.22%	0.023%
42	17.910	2550	2554	2558	rBV6	18984	28953	0.22%	0.023%
43	17.968	2558	2564	2567	rBV	577593	813766	6.21%	0.658%
44	17.998	2567	2569	2580	rVB2	172550	319675	2.44%	0.259%
45	18.251	2608	2612	2621	rVB	46755	81996	0.63%	0.066%
46	18.463	2646	2648	2652	rVB4	15347	15337	0.12%	0.012%
47	18.798	2702	2705	2712	rVB4	51771	71363	0.54%	0.058%
48	18.974	2732	2735	2738	rBV2	30259	30820	0.24%	0.025%
49	19.027	2740	2744	2748	rVB	86353	110163	0.84%	0.089%
50	19.204	2771	2774	2782	rBV2	74114	125212	0.96%	0.101%
51	19.274	2782	2786	2793	rVB	82481	120275	0.92%	0.097%
52	19.386	2796	2805	2816	rBV	8554521	11865278	90.53%	9.598%
53	19.910	2891	2894	2899	rBV4	43926	64308	0.49%	0.052%
54	20.109	2925	2928	2935	rBV6	29016	61444	0.47%	0.050%
55	20.874	3053	3058	3067	rBV	1751481	2193151	16.73%	1.774%
56	21.133	3096	3102	3111	rBV	5106863	6334611	48.33%	5.124%
57	21.251	3118	3122	3129	rBV	314092	476983	3.64%	0.386%
58	21.309	3129	3132	3137	rVV	123353	152655	1.16%	0.123%
59	21.751	3203	3207	3213	rBV2	252526	379787	2.90%	0.307%
60	22.192	3277	3282	3294	rBV2	1015292	2128388	16.24%	1.722%
61	22.333	3302	3306	3312	rVB	648687	862873	6.58%	0.698%
62	22.715	3367	3371	3386	rVB	668724	1123241	8.57%	0.909%
63	23.209	3447	3455	3463	rBV	6913311	13106246	100.00%	10.602%
64	23.286	3463	3468	3472	rVV	714113	1200036	9.16%	0.971%
65	23.345	3472	3478	3491	rVB	3638650	6845667	52.23%	5.538%
66	23.939	3573	3579	3586	rBV	600283	1192604	9.10%	0.965%
67	24.009	3587	3591	3605	rVB2	298657	659882	5.03%	0.534%
68	24.692	3702	3707	3715	rVB	341190	725227	5.53%	0.587%
69	25.574	3853	3857	3868	rVB2	236609	542809	4.14%	0.439%

Sum of corrected areas: 123621067

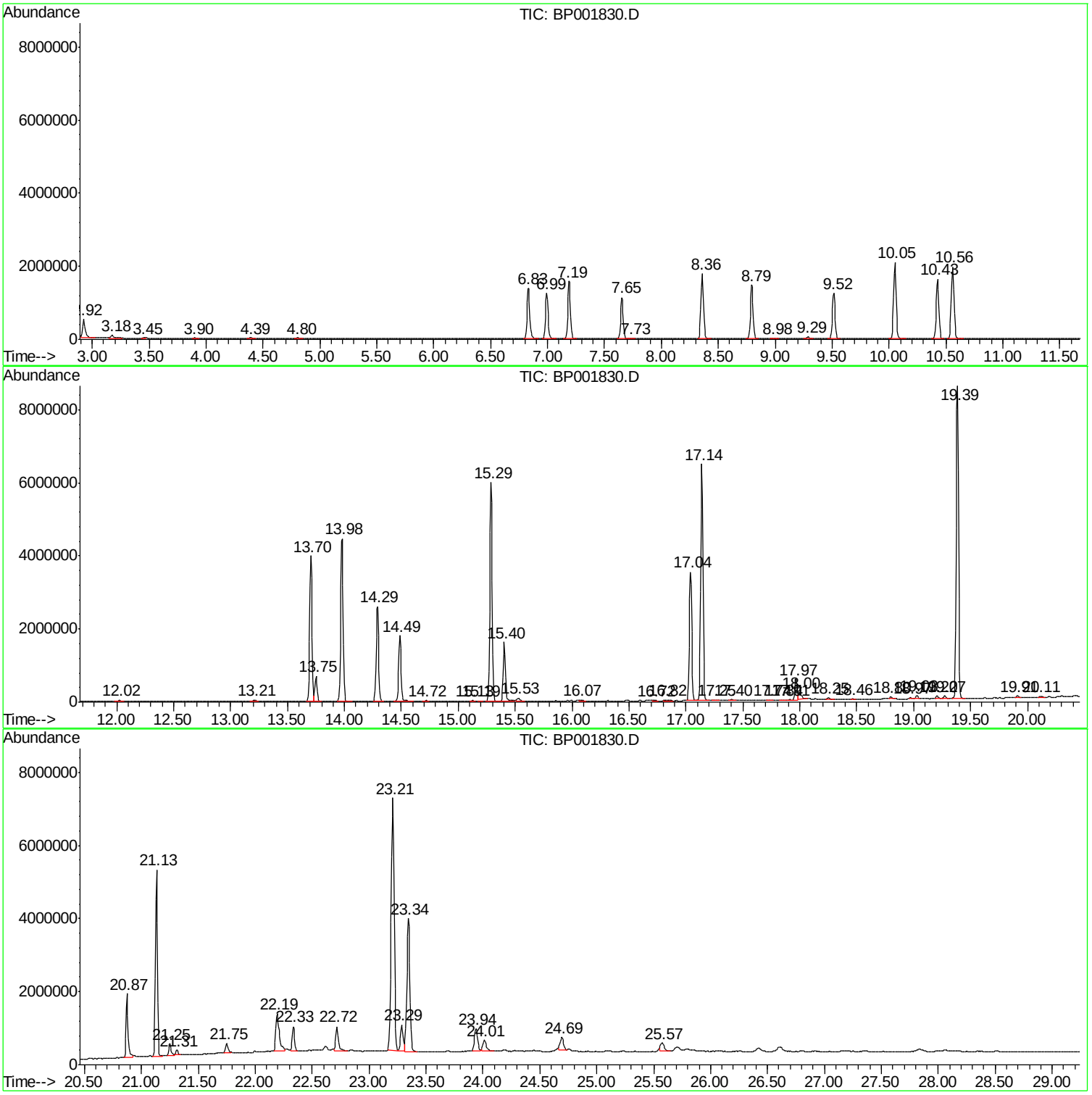
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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 : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

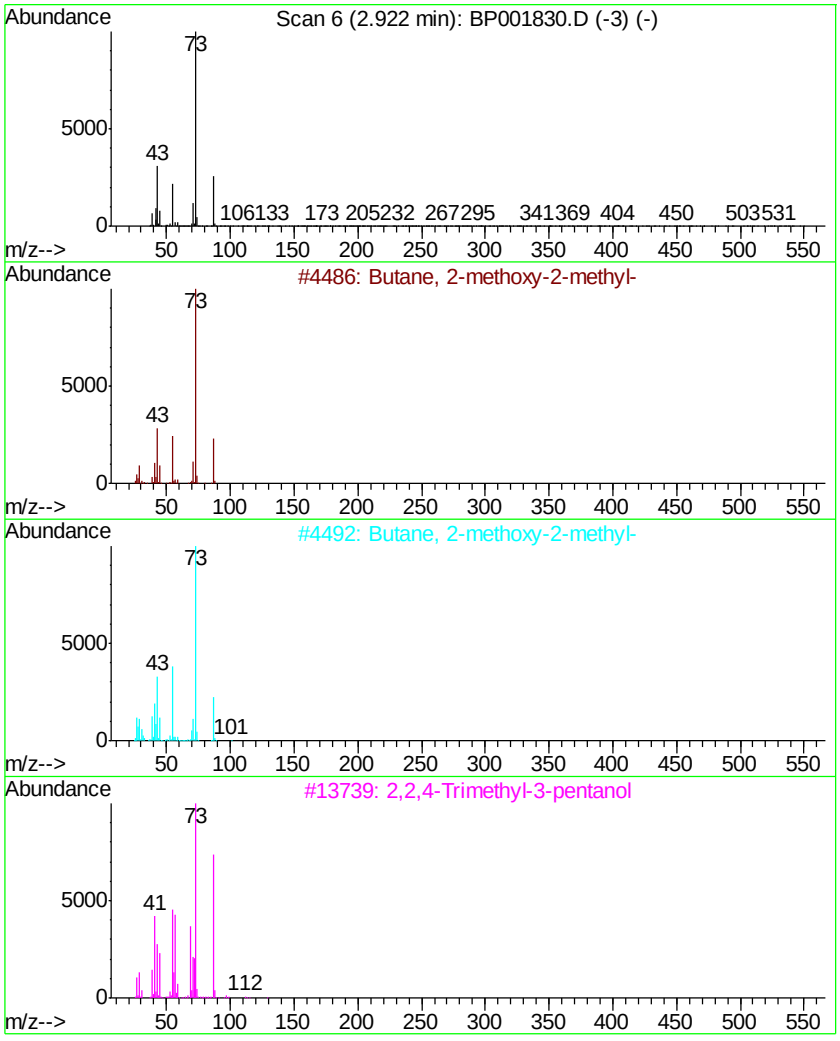
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

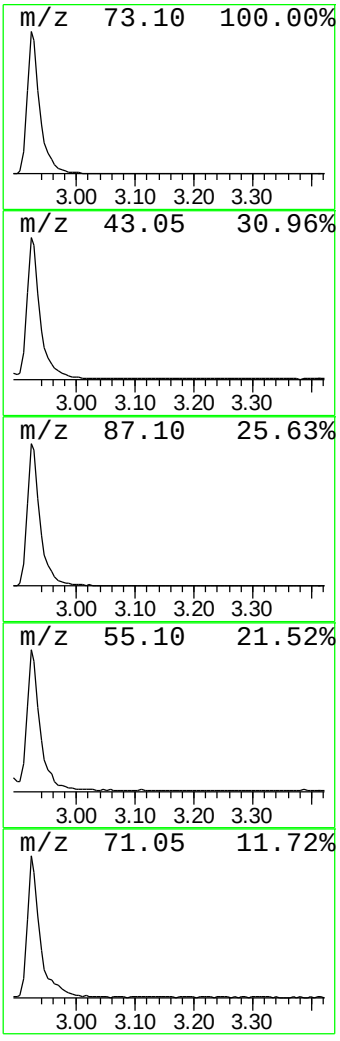
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	8.91 ng/ul	794865	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

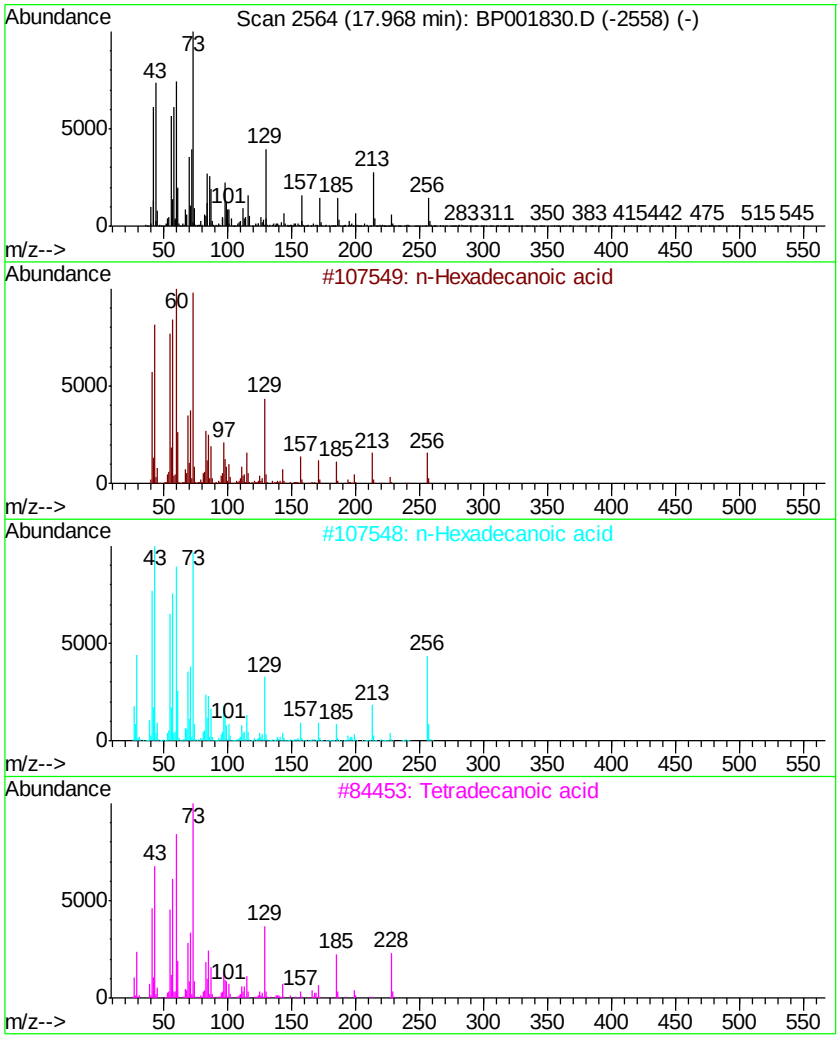
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

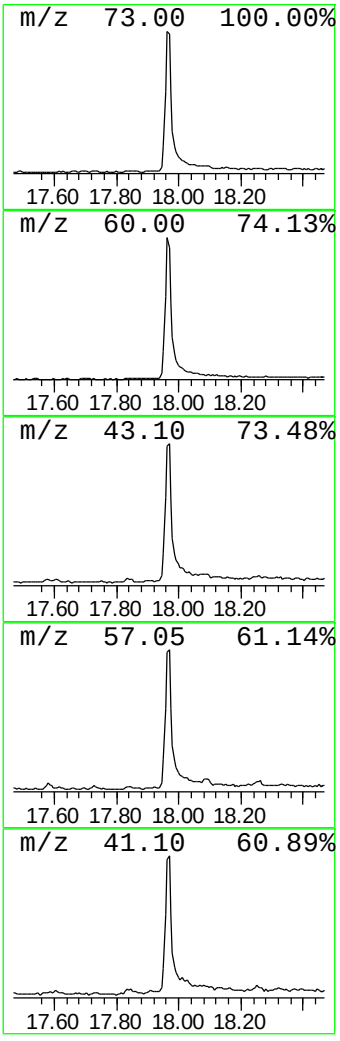
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.21 ng/ul	813766	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

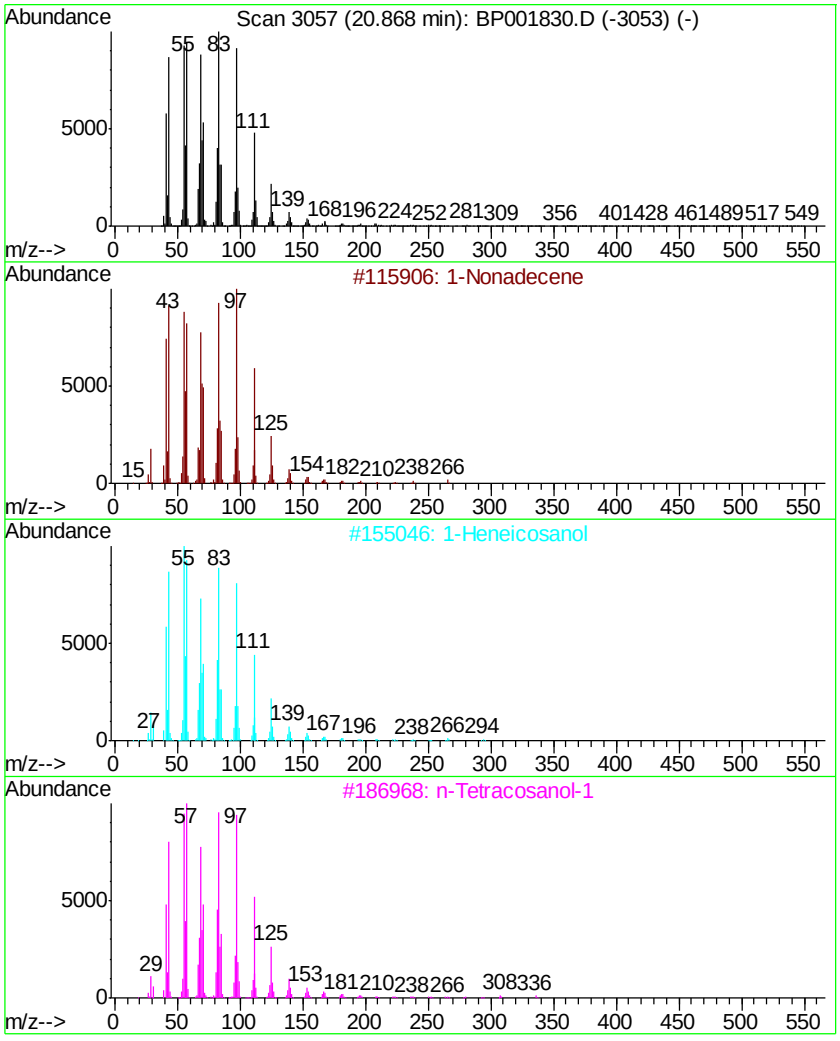
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

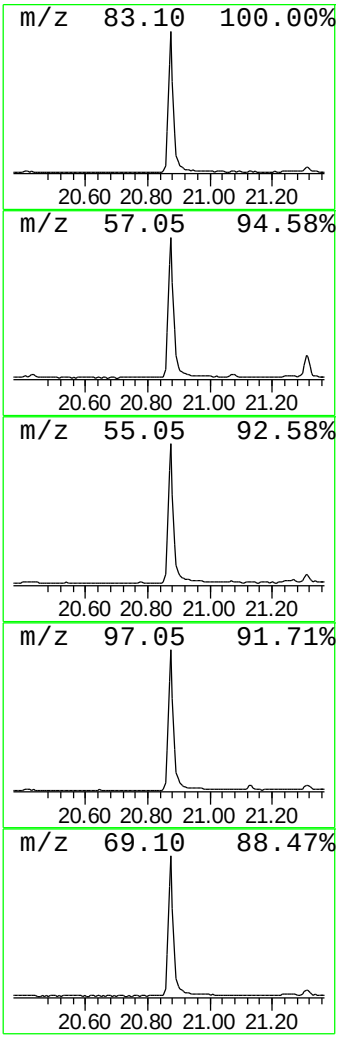
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.92 ng/ul	2193150	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

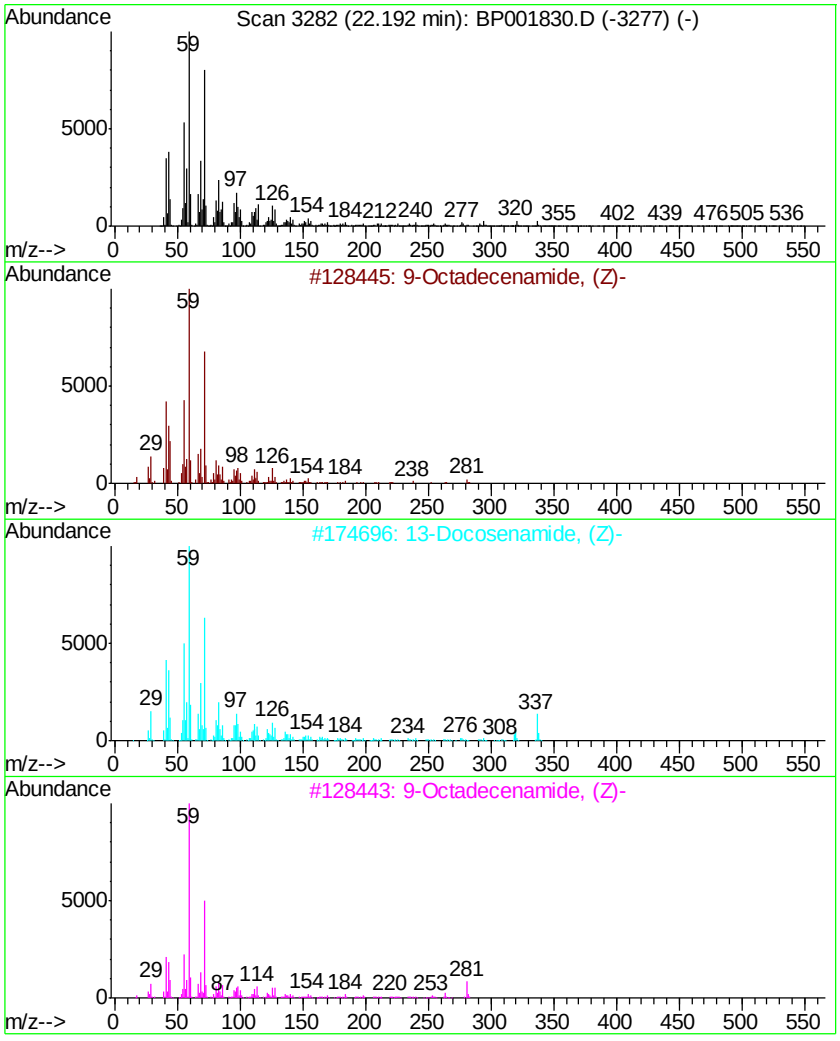
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

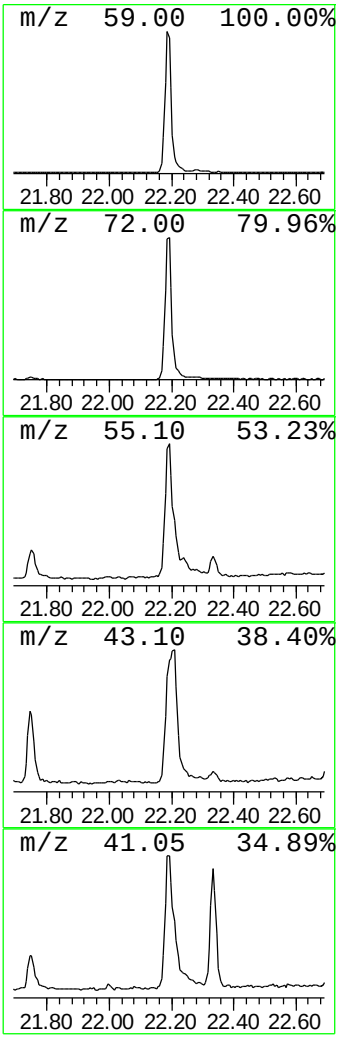
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	6.72 ng/ul	2128390	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	41
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

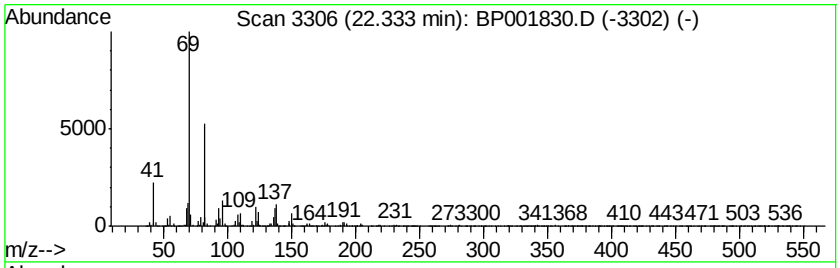
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

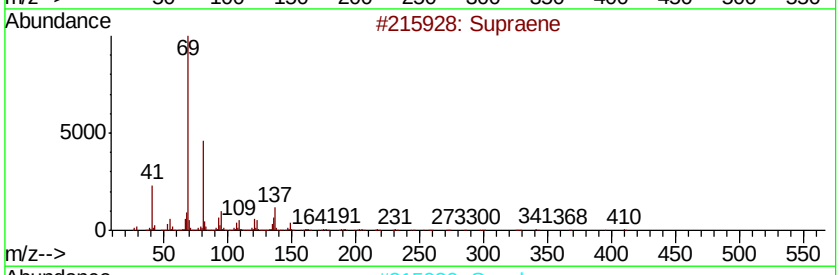
****

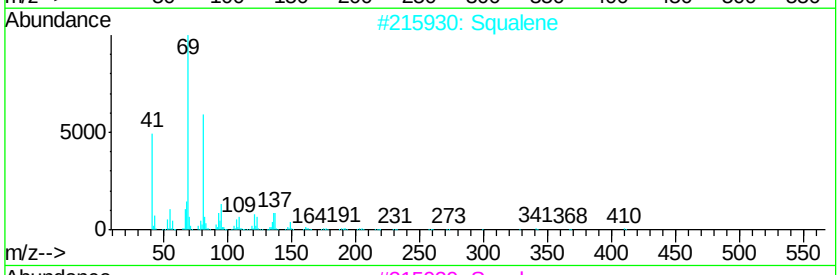
Peak Number 5 Supraene Concentration Rank 8

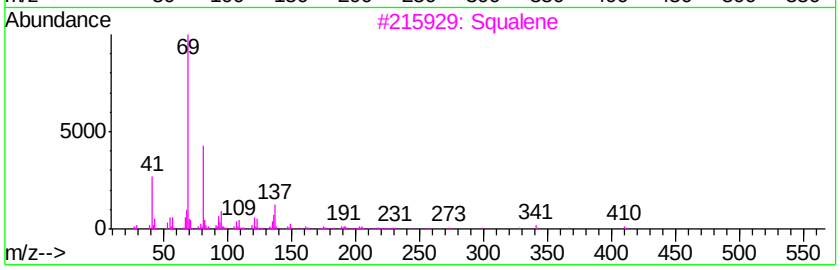
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.52 ng/ul	862873	Perylene-d12	23.34

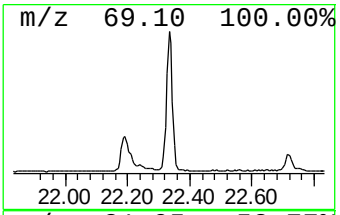
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	90
5	Squalene	410	C30H50	000111-02-4	90

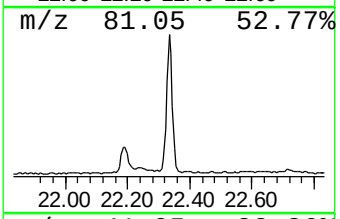


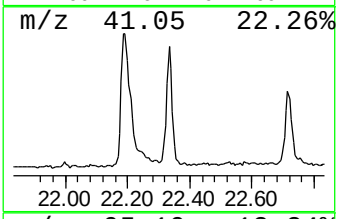


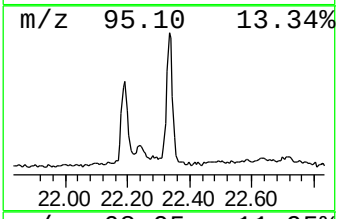


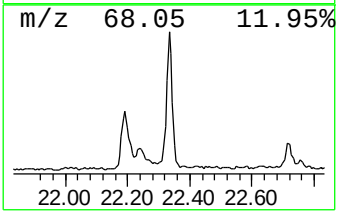












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

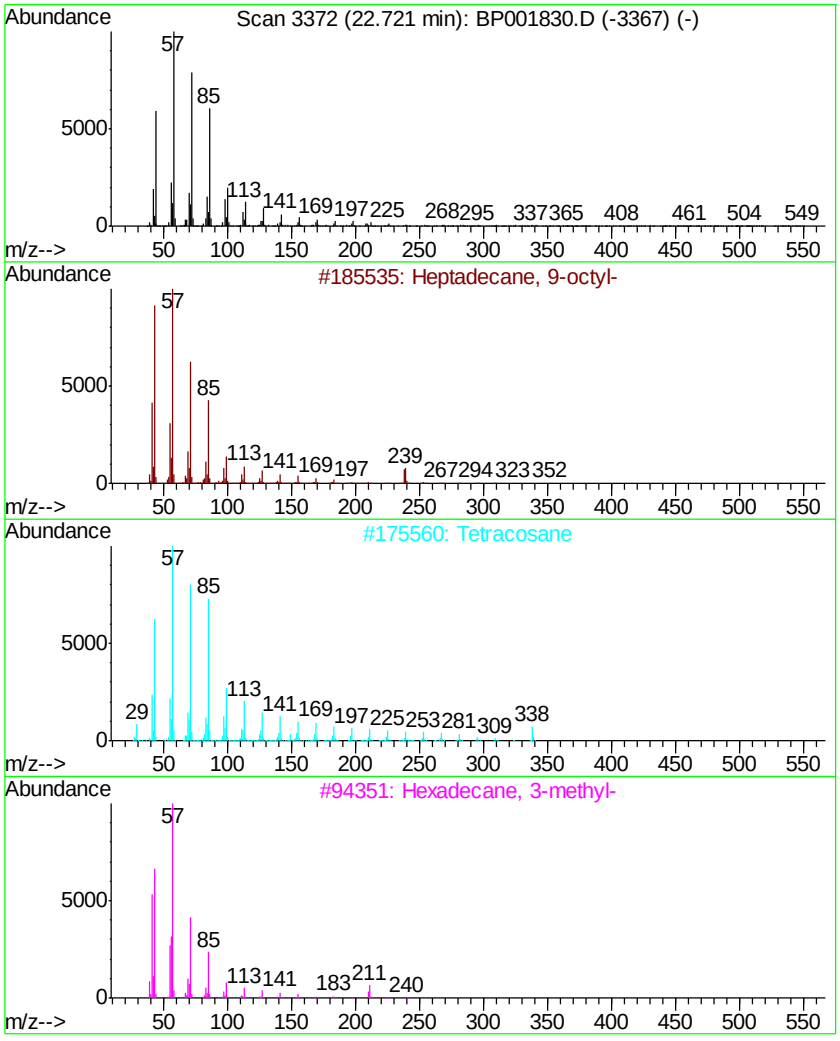
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

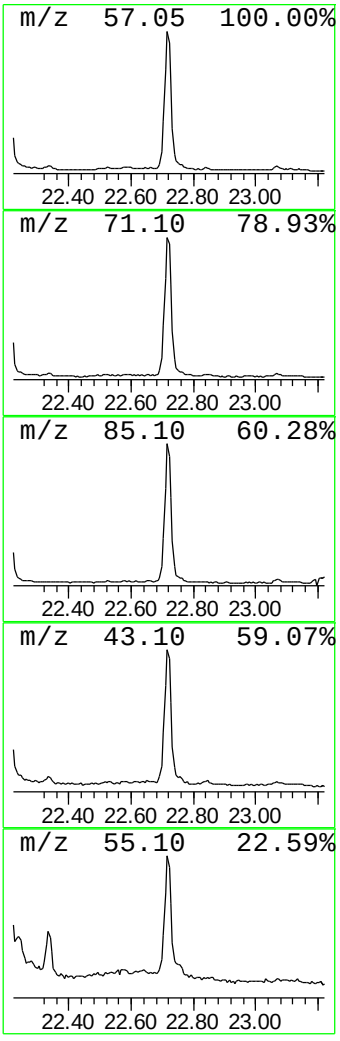
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	3.28 ng/ul	1123240	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tetracosane	338	C24H50	000646-31-1	95
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
4	Heptadecane	240	C17H36	000629-78-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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

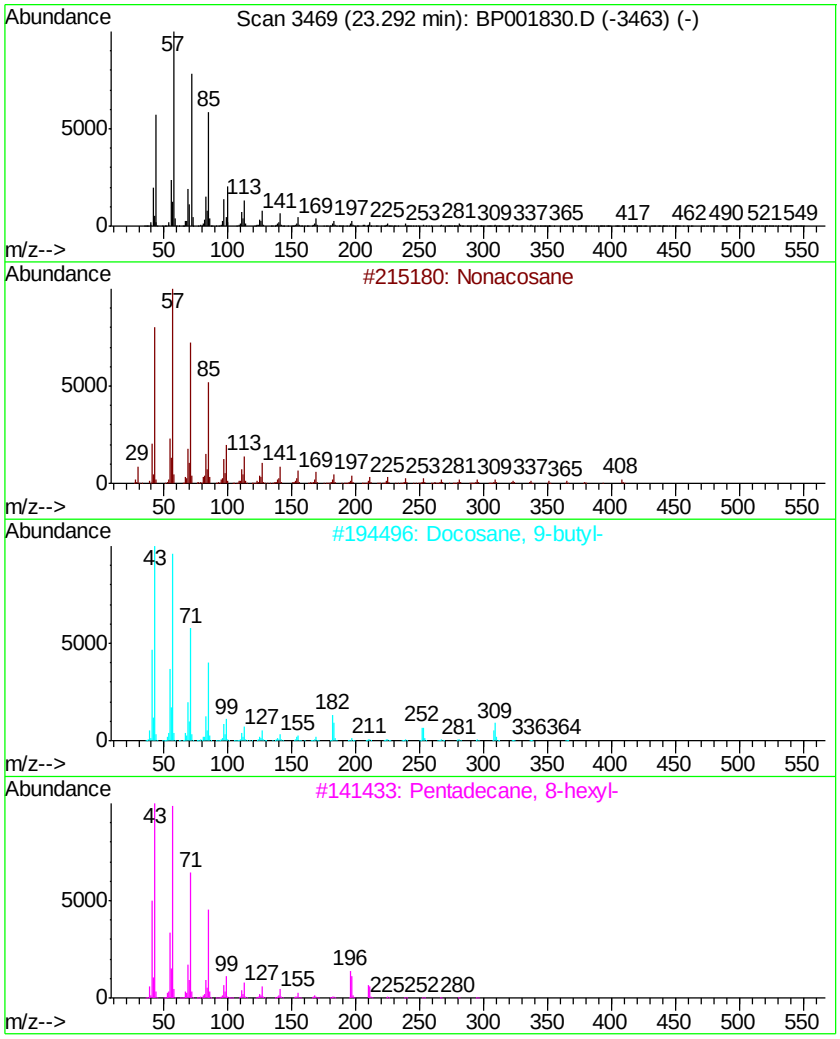
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

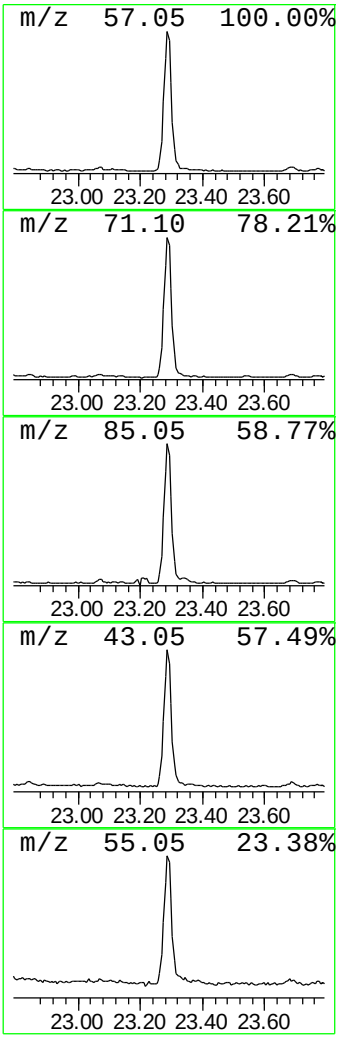
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.51 ng/ul	1200040	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	94
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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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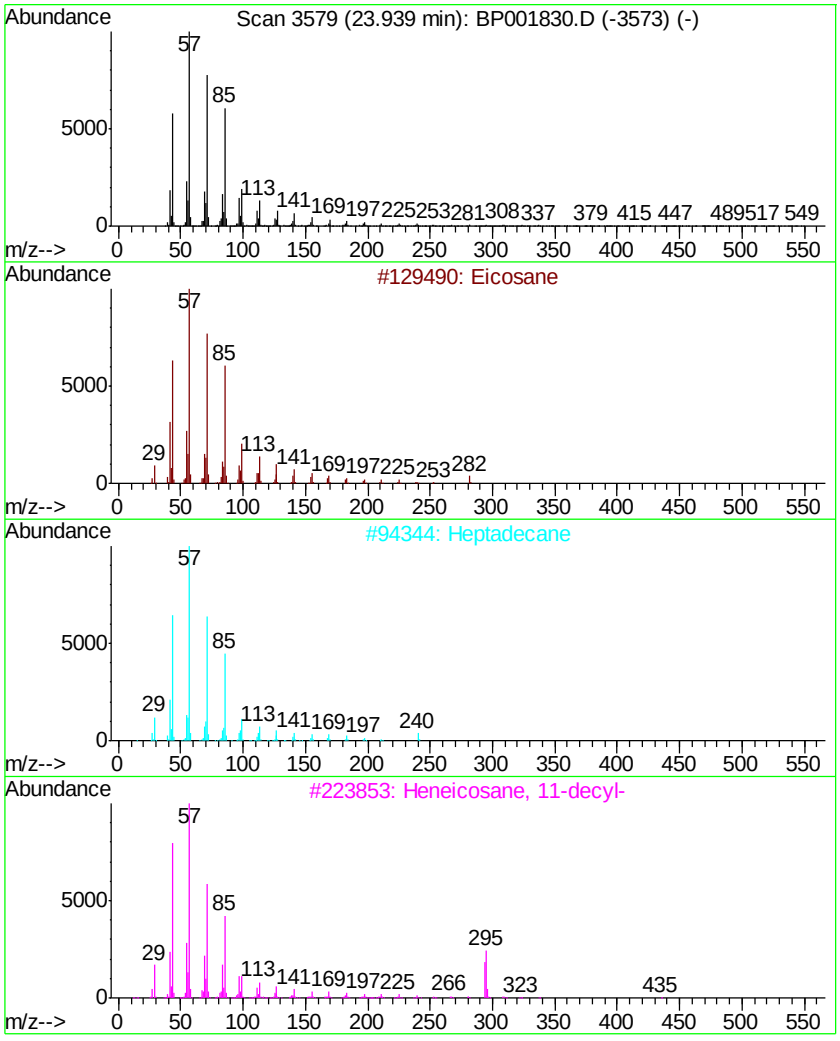
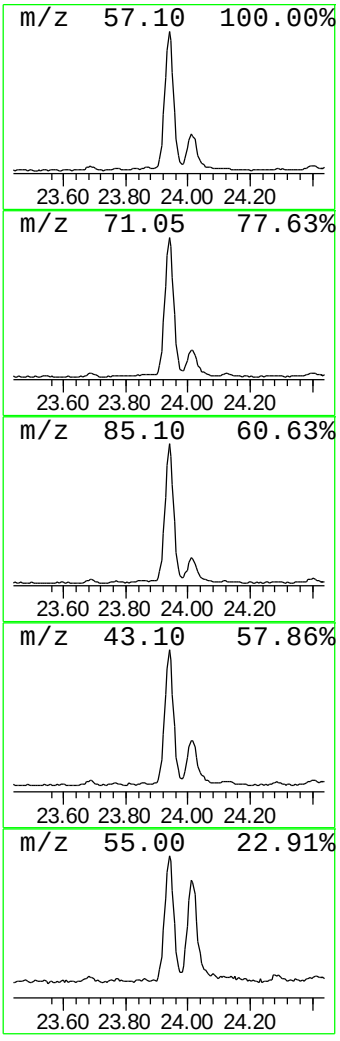
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.48 ng/ul	1192600	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
4	Triacontane	422	C30H62	000638-68-6	93
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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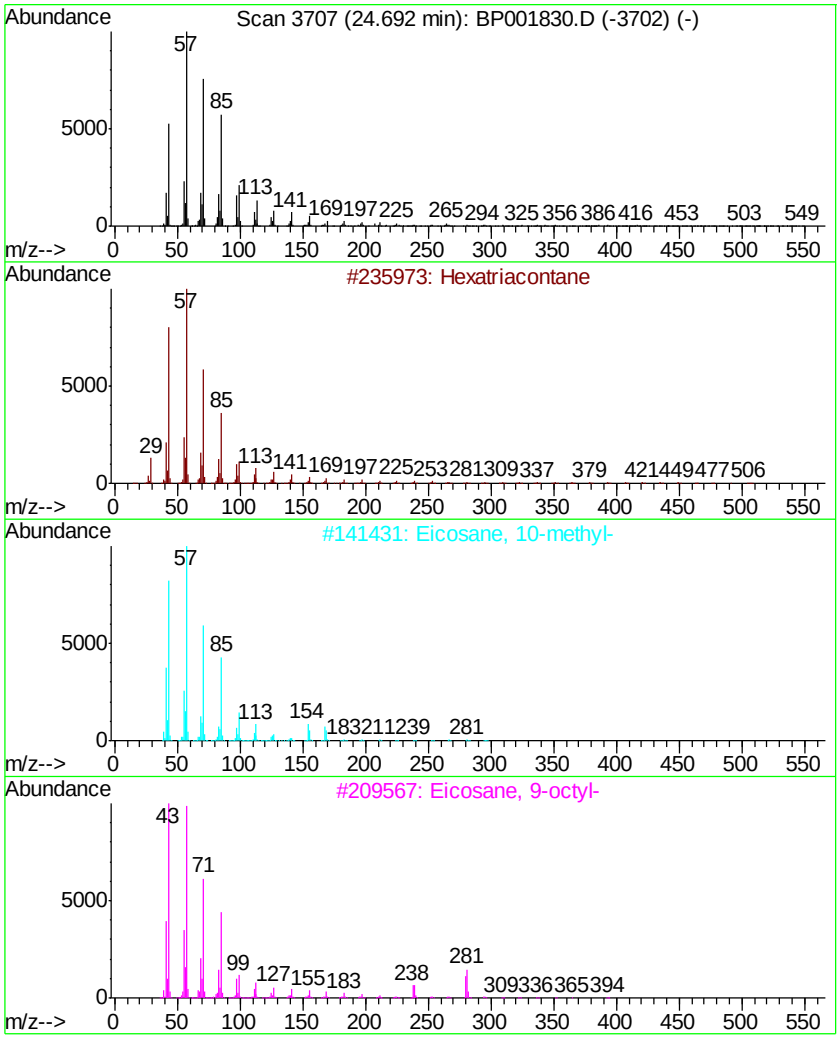
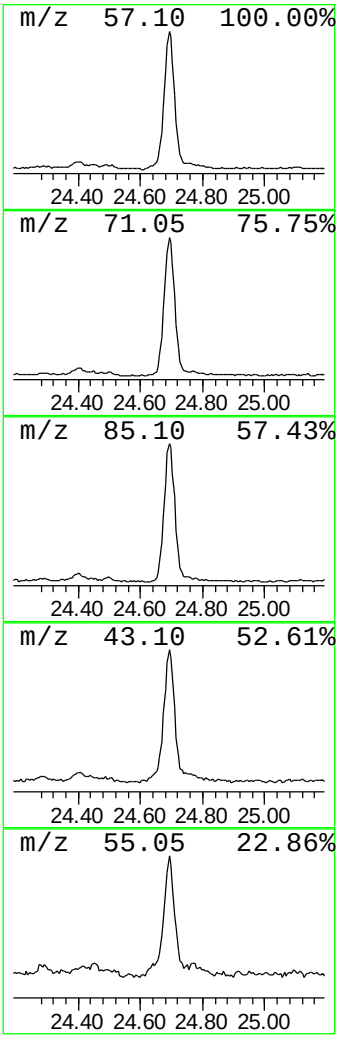
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.12 ng/ul	725227	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	94
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001830.D
Acq On : 21 Feb 2020 19:03
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCY2

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	8.9	ng/ul	794865	1	7.65	1784990	20.0
n-Hexadecanoic acid	17.97	3.2	ng/ul	813766	4	17.04	5071890	20.0
(DEL) Alkane: Str...	20.87	6.9	ng/ul	2193150	5	21.13	6334610	20.0
9-Octadecenamide,...	22.19	6.7	ng/ul	2128390	5	21.13	6334610	20.0
Supraene	22.33	2.5	ng/ul	862873	6	23.34	6845670	20.0
(DEL) Alkane: Str...	22.72	3.3	ng/ul	1123240	6	23.34	6845670	20.0
(DEL) Alkane: Str...	23.29	3.5	ng/ul	1200040	6	23.34	6845670	20.0
(DEL) Alkane: Str...	23.94	3.5	ng/ul	1192600	6	23.34	6845670	20.0
(DEL) Alkane: Str...	24.69	2.1	ng/ul	725227	6	23.34	6845670	20.0