LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092818\
Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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	3.205	33	37	46	rVB	29854	44338	2.03%	0.163%
2	4.264	213	217	224	rVB4	15725	23989	1.10%	0.088%
3	4.805	305	309	314	rBV	18630	27347	1.25%	0.101%
4	5.722	460	465	470	rBV2	20051	33375	1.53%	0.123%
5	6.822	647	652	655	rBV	93217	166595	7.62%	0.614%
6	6.969	672	677	689	rBV	316069	500740	22.91%	1.845%
7	7.169	705	711	723	rBV	340883	562758	25.74%	2.074%
8	7.328	733	738	746	rBV	48933	81509	3.73%	0.300%
9	7.628	783	789	796	rBV	505162	819547	37.49%	3.020%
10	7.693	796	800	808	rVB	51114	85234	3.90%	0.314%
11	8.340	905	910	925	rBV	238797	462539	21.16%	1.705%
12	8.457	925	930	936	rVB2	16055	28971	1.33%	0.107%
13	8.775	978	984	994	rVV	359710	618513	28.29%	2.279%
14	8.940	1003	1012	1023	rBV4	130522	294703	13.48%	1.086%
15	9.234	1058	1062	1069	rVB2	18518	31349	1.43%	0.116%
16	9.493	1099	1106	1117	rBV	303207	533994	24.43%	1.968%
17	9.940	1175	1182	1192	rBV3	23911	61347	2.81%	0.226%
18	10.034	1192	1198	1214	rVB	398346	788992	36.09%	2.908%
19	10.393	1252	1259	1270	rBV	717473	1231053	56.31%	4.537%
20	10.498	1272	1277	1288	rVB	67397	109252	5.00%	0.403%
21	11.451	1434	1439	1451	rBV6	12834	40394	1.85%	0.149%
22	12.610	1632	1636	1648	rVB4	11241	24443	1.12%	0.090%
23	13.163	1725	1730	1735	rBV2	22539	35254	1.61%	0.130%
24	13.681	1812	1818	1822	rBV	900967	1319237	60.35%	4.862%
25	13.728	1822	1826	1834	rVB	155376	234843	10.74%	0.865%
26	13.951	1857	1864	1875	rVB	1027647	1564953	71.59%	5.767%
27	14.263	1910	1917	1929	rVB2	1066417	1636203	74.85%	6.030%
28	14.528	1958	1962	1973	rBV2	31922	76951	3.52%	0.284%
29	15.075	2049	2055	2057	rBV	24766	37196	1.70%	0.137%
30	15.263	2081	2087	2099	rVB	1371608	1971446	90.18%	7.266%
31	15.404	2105	2111	2124	rBV	359182	586957	26.85%	2.163%
32	15.510	2124	2129	2134	rVB3	16198	27407	1.25%	0.101%
33	17.016	2378	2385	2392	rBV	1305758	1846195	84.45%	6.804%
34	17.116	2395	2402	2413	rVB	1397773	2043303	93.47%	7.530%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092818\
Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

35	17.310	2429	2435	2441	rVB	33114	50046	2.29%	0.184%
36	17.922	2532	2539	2548	rBV	155127	257988	11.80%	0.951%
37	18.857	2695	2698	2706	rVB4	17961	29374	1.34%	0.108%
38	19.057	2728	2732	2736	rBV	20418	31865	1.46%	0.117%
39	19.210	2753	2758	2767	rBV9	34008	70994	3.25%	0.262%
40	19.416	2787	2793	2800	rBV	1521155	2186060	100.00%	8.056%
41	19.474	2800	2803	2809	rVV3	14001	22426	1.03%	0.083%
42	20.474	2970	2973	2976	rVB	24745	24731	1.13%	0.091%
43	20.945	3049	3053	3067	rBV	123719	250568	11.46%	0.923%
44	21.139	3083	3086	3091	rVB3	24304	30930	1.41%	0.114%
45	21.221	3094	3100	3106	rBV	1309094	1726798	78.99%	6.364%
46	21.374	3123	3126	3132	rVB	68363	69256	3.17%	0.255%
47	21.804	3196	3199	3203	rVB	87117	93456	4.28%	0.344%
48	22.257	3272	3276	3281	rVB	120232	153973	7.04%	0.567%
49	22.380	3294	3297	3300	rBV	32155	40746	1.86%	0.150%
50	22.751	3356	3360	3367	rVB	142304	200170	9.16%	0.738%
51	23.286	3444	3451	3464	rVB	935501	1919922	87.83%	7.076%
52	23.421	3467	3474	3486	rVB2	790506	1513588	69.24%	5.578%
53	23.927	3555	3560	3570	rVB	116460	228300	10.44%	0.841%
54	24.651	3677	3683	3690	rBV	78196	161998	7.41%	0.597%
55	25.486	3821	3825	3835	rVB3	52373	120144	5.50%	0.443%

Sum of corrected areas: 27134260

LSC Report - Integrated Chromatogram

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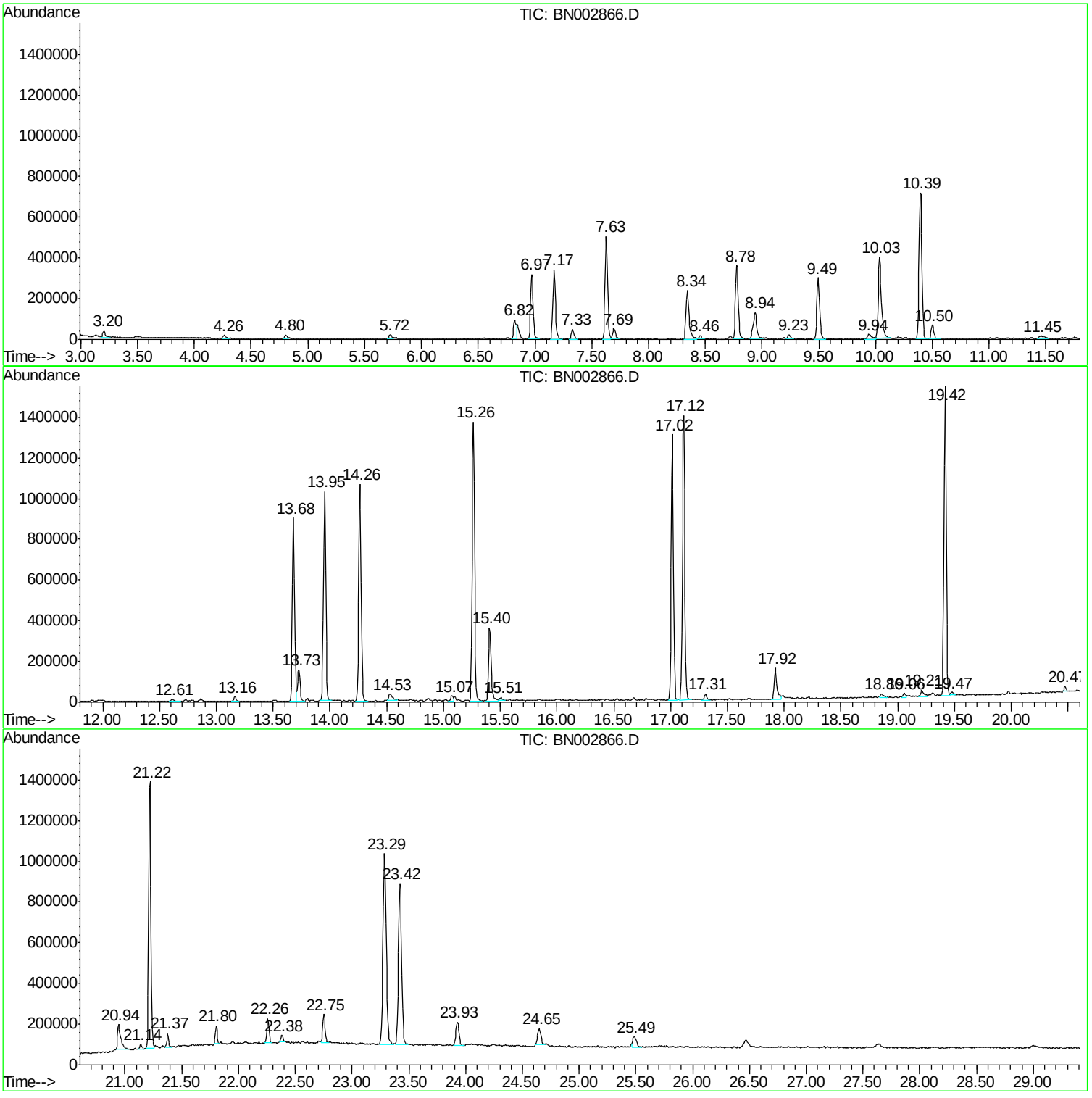
Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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 N\DATA\BN092818\
Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

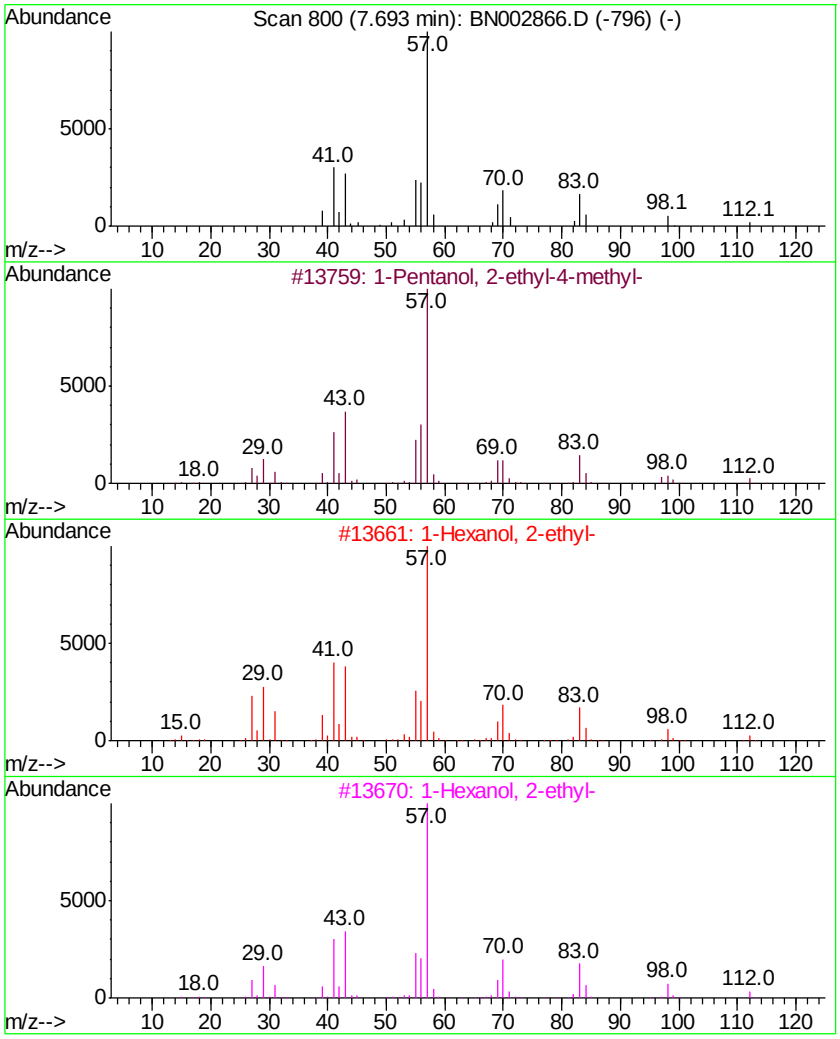
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

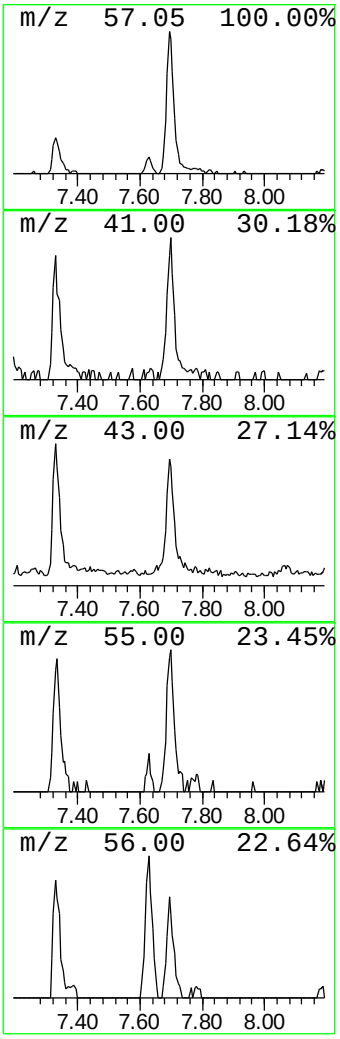
****

Peak Number 1 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.08 ng/ul	85234	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Library Search Compound Report

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Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

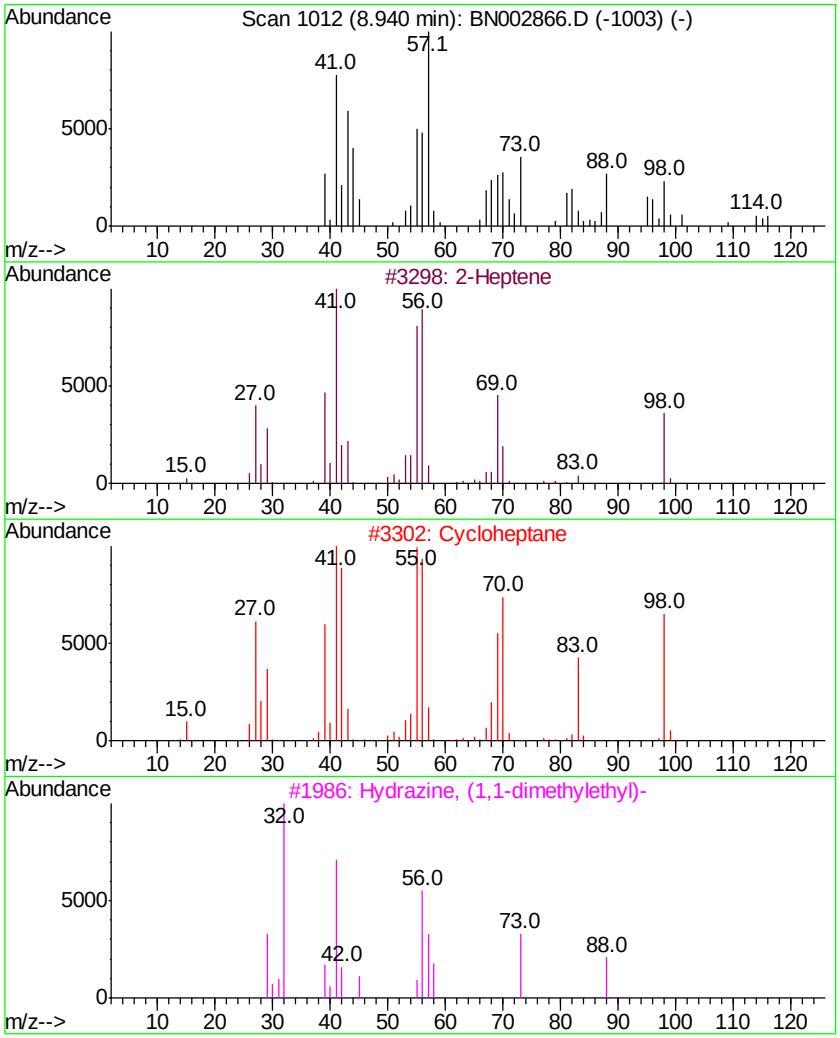
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

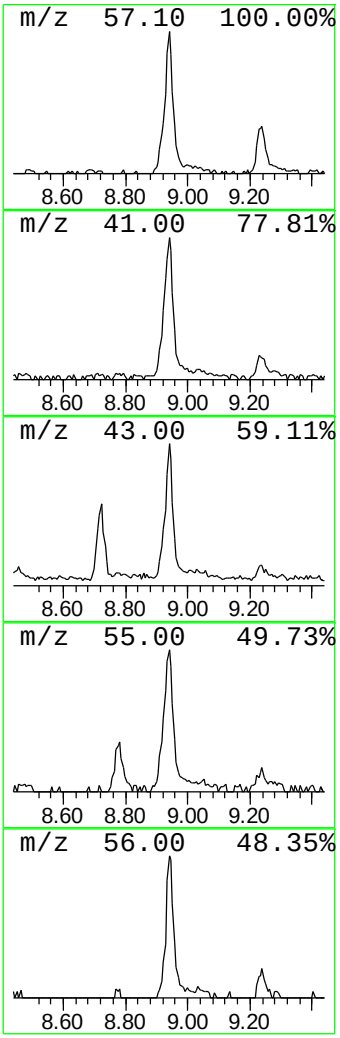
****

Peak Number 2 (DEL) Alkane: Cyclic8.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	7.19 ng/ul	294703	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene	98	C7H14	000592-77-8	30
2	Cycloheptane	98	C7H14	000291-64-5	27
3	Hydrazine, (1,1-dimethylethyl)-	88	C4H12N2	032064-67-8	27
4	Hydrazine, butyl-	88	C4H12N2	003530-11-8	22
5	1-Nonanol	144	C9H20O	000143-08-8	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092818\
Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

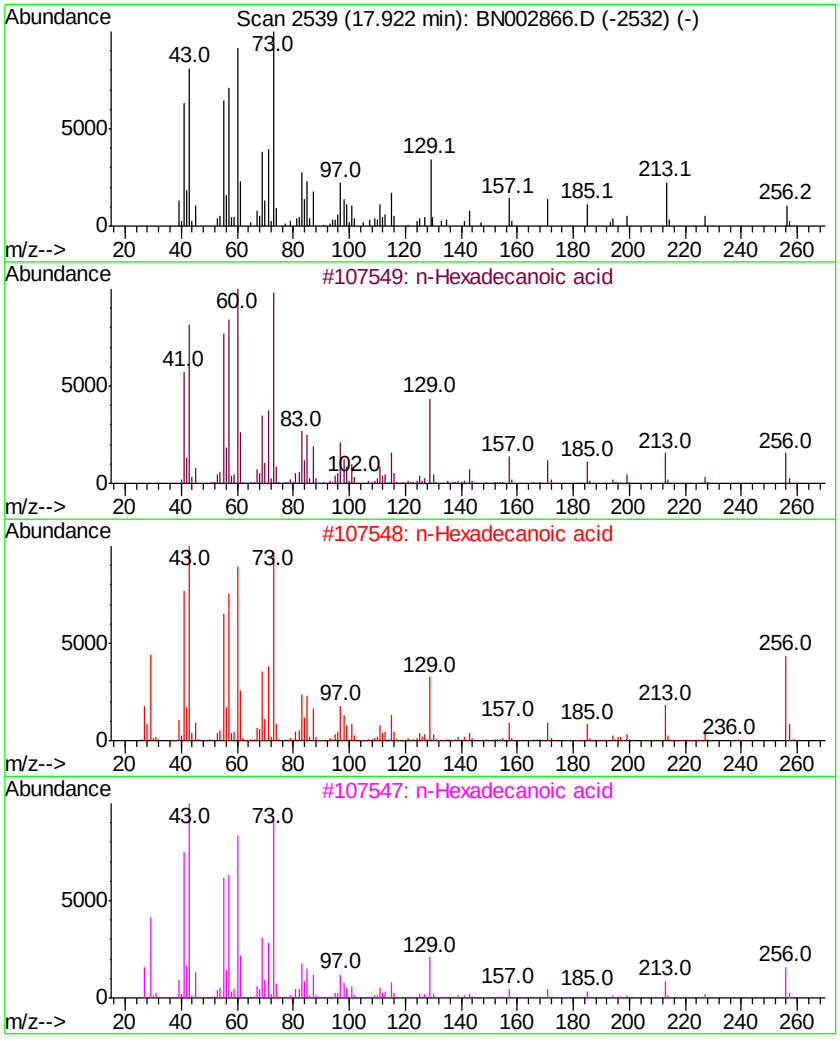
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

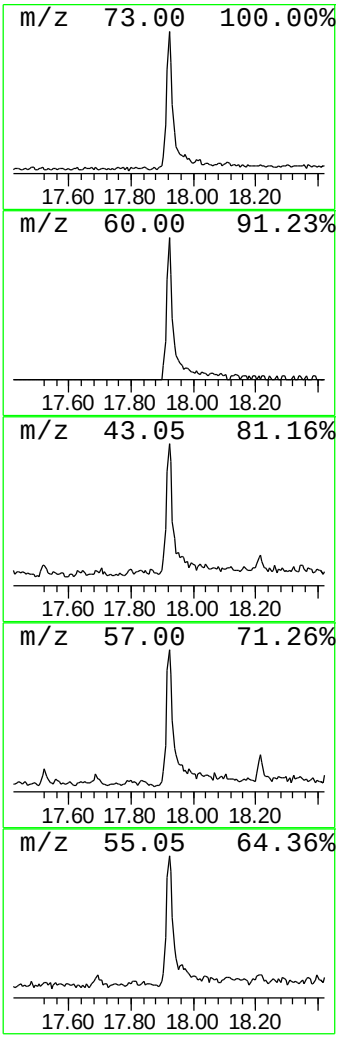
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.79 ng/ul	257988	Phenanthrene-d10	17.02

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Library Search Compound Report

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Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

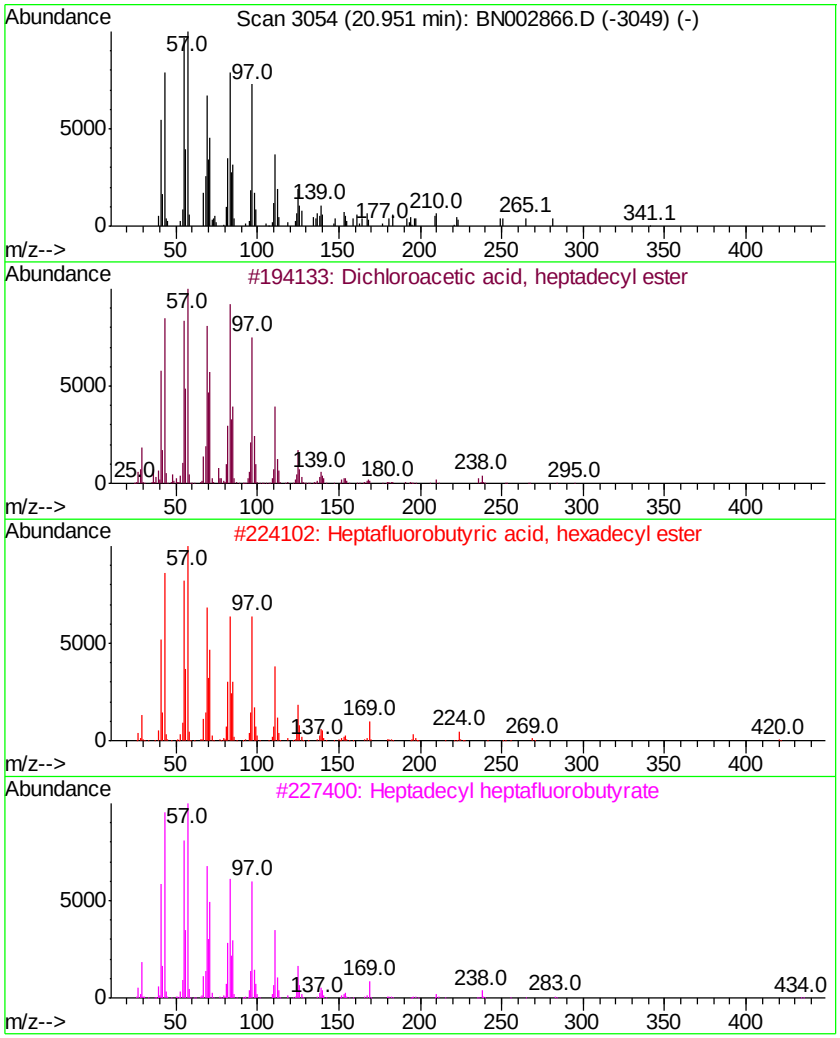
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

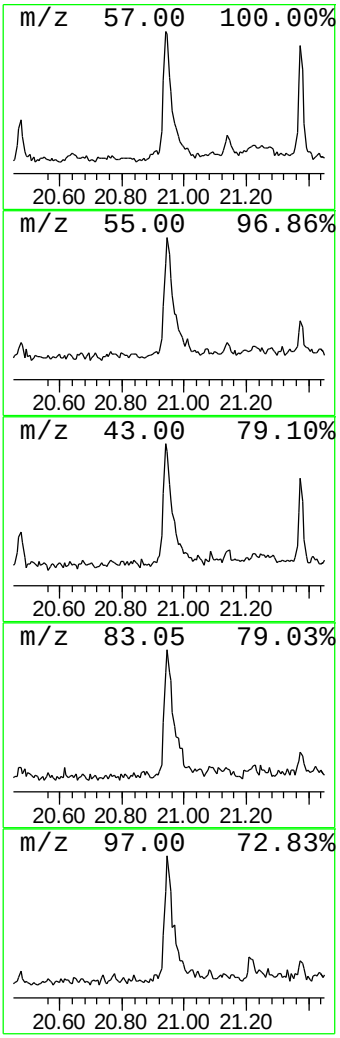
****

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.90 ng/ul	250568	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87





Library Search Compound Report

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Data File : BN002866.D
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Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

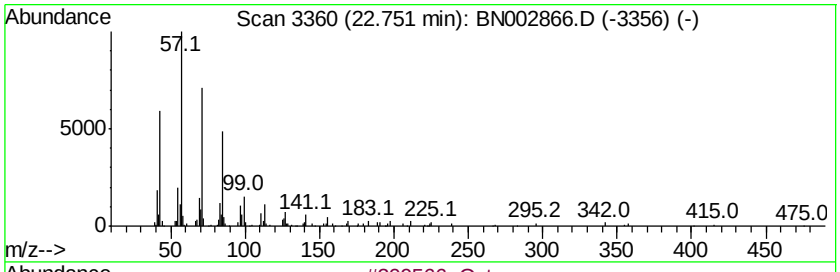
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

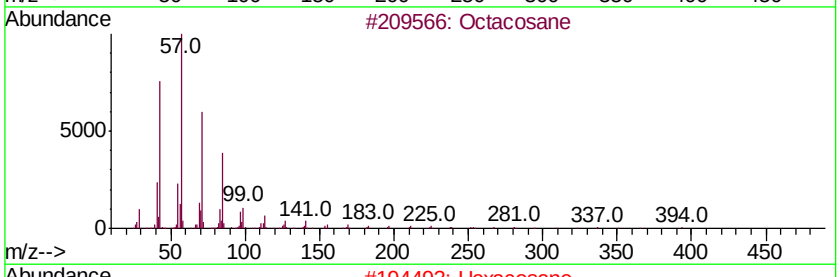
****

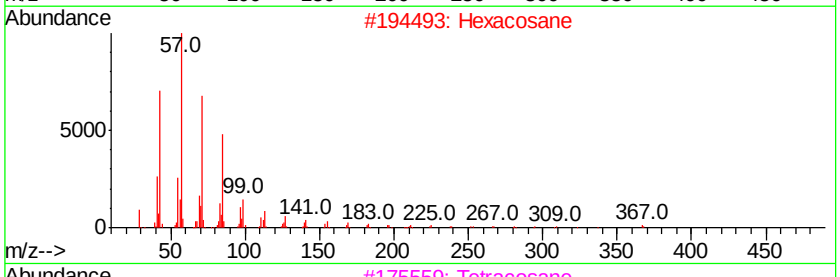
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

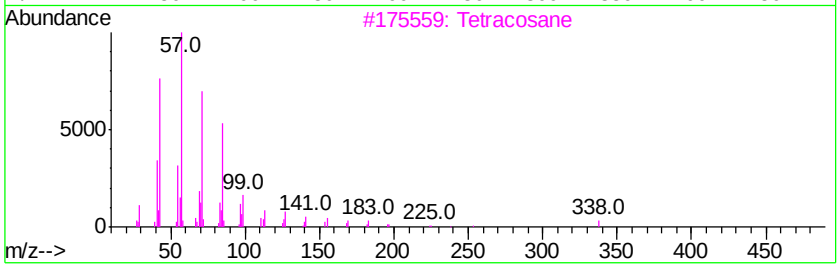
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.64 ng/ul	200170	Perylene-d12	23.42

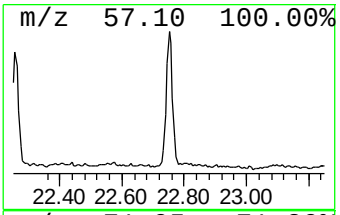
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Tetracosane	338	C24H50	000646-31-1	90

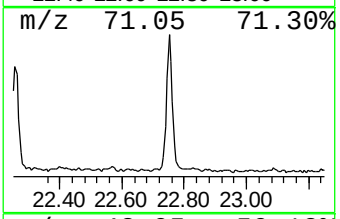


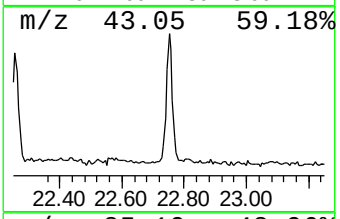


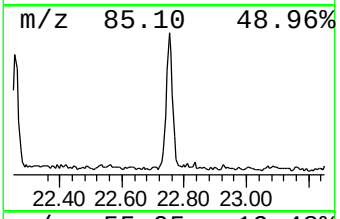


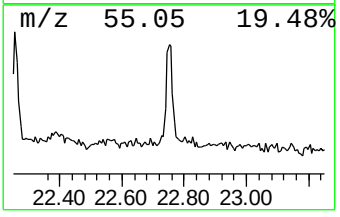












Library Search Compound Report

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Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
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Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

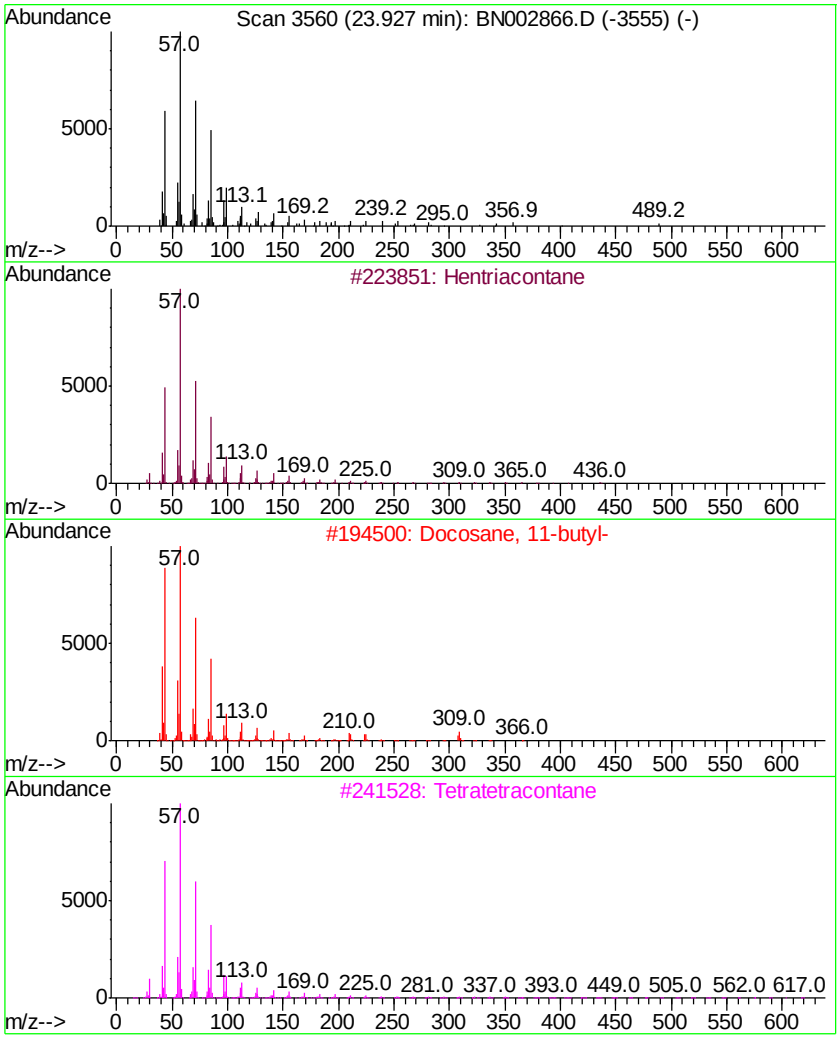
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

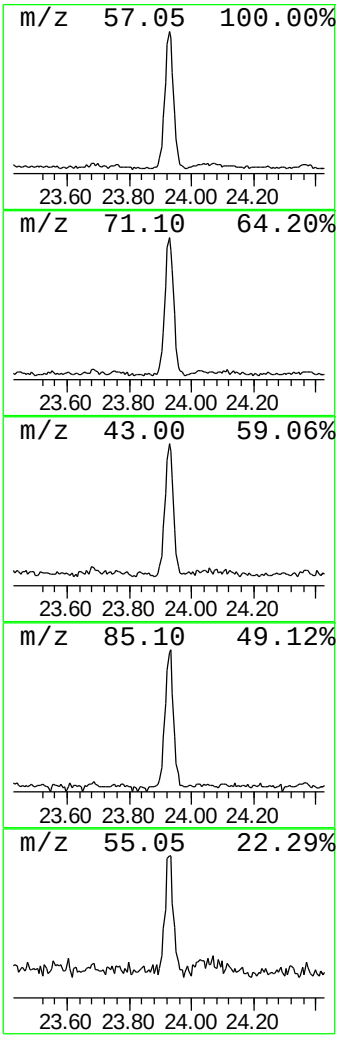
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	3.02 ng/ul	228300	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

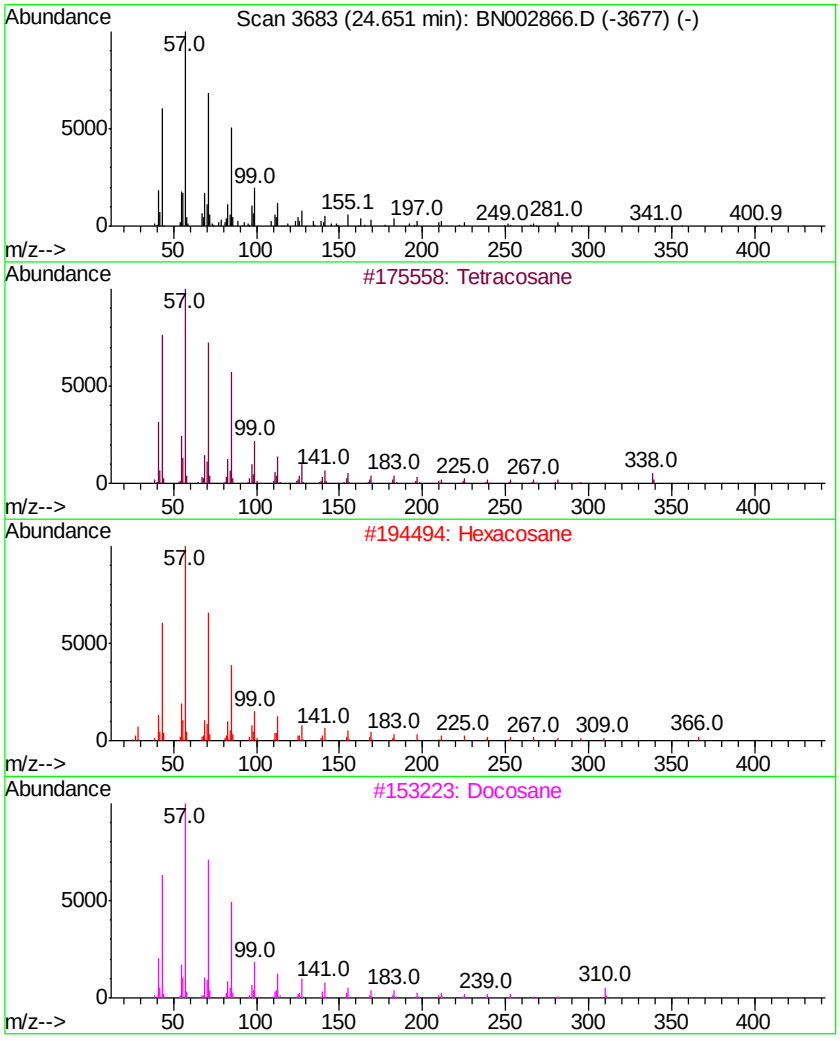
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

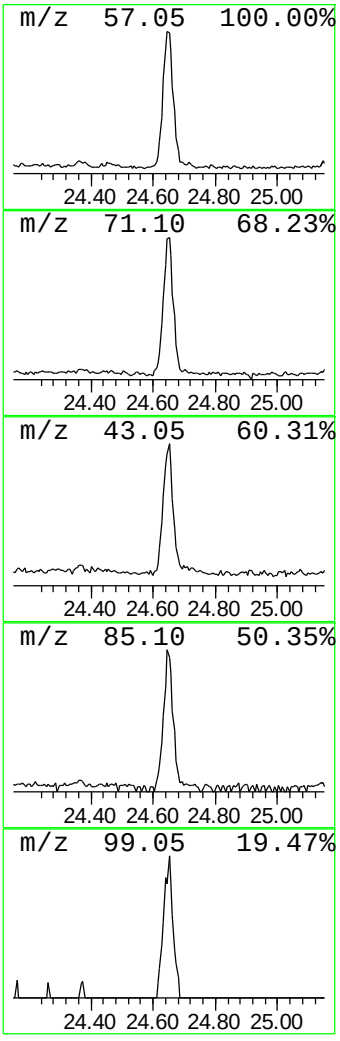
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.14 ng/ul	161998	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Docosane	310	C22H46	000629-97-0	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092818\
Data File : BN002866.D
Acq On : 29 Sep 2018 00:27
Operator : MJ/SJ
Sample : J5117-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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
1-Pentanol, 2-eth...	7.69	2.1	ng/ul	85234	1	7.63	819547	20.0
(DEL) Alkane: Cyc...	8.94	7.2	ng/ul	294703	1	7.63	819547	20.0
n-Hexadecanoic acid	17.92	2.8	ng/ul	257988	4	17.02	1846200	20.0
Dichloroacetic ac...	20.95	2.9	ng/ul	250568	5	21.22	1726800	20.0
(DEL) Alkane: Str...	22.75	2.6	ng/ul	200170	6	23.42	1513590	20.0
(DEL) Alkane: Str...	23.93	3.0	ng/ul	228300	6	23.42	1513590	20.0
(DEL) Alkane: Str...	24.65	2.1	ng/ul	161998	6	23.42	1513590	20.0