LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

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-BN081318MA.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	4.840	311	315	324	rVB	119876	179404	3.68%	0.322%
2	6.852	651	657	677	rVB	535117	955688	19.62%	1.714%
3	7.016	679	685	697	rBV	441707	699630	14.36%	1.255%
4	7.211	712	718	727	rBV	532798	875909	17.98%	1.571%
5	7.675	790	797	806	rBV	687246	1103467	22.65%	1.979%
6	8.375	910	916	927	rBV	628006	1082591	22.22%	1.942%
7	8.822	986	992	1002	rBV	572734	967416	19.86%	1.735%
8	9.540	1107	1114	1125	rBV	465460	792841	16.27%	1.422%
9	10.075	1198	1205	1217	rBV	687139	1189806	24.42%	2.134%
10	10.446	1261	1268	1276	rBV	1086449	1827630	37.51%	3.278%
11	10.587	1285	1292	1309	rBV	649835	1163015	23.87%	2.086%
12	13.716	1817	1824	1829	rBV	1390589	2014899	41.36%	3.614%
13	13.763	1829	1832	1843	rVB	255991	355625	7.30%	0.638%
14	13.998	1864	1872	1883	rBV	1588728	2441228	50.11%	4.379%
15	14.304	1917	1924	1932	rBV2	1690213	2587494	53.11%	4.641%
16	14.516	1955	1960	1978	rBV	469049	892221	18.31%	1.600%
17	14.740	1992	1998	2006	rVB4	36634	57211	1.17%	0.103%
18	15.304	2087	2094	2101	rBV	2110002	2969926	60.96%	5.327%
19	15.434	2109	2116	2129	rBV	623571	919552	18.88%	1.649%
20	17.057	2385	2392	2397	rBV2	2127473	3207533	65.84%	5.753%
21	17.098	2397	2399	2402	rVV	90772	97277	2.00%	0.174%
22	17.151	2402	2408	2420	rVB2	2287368	3235708	66.42%	5.804%
23	17.957	2535	2545	2554	rBV3	172415	347764	7.14%	0.624%
24	18.122	2568	2573	2577	rBV3	28983	48996	1.01%	0.088%
25	18.910	2701	2707	2711	rVV8	40055	94101	1.93%	0.169%
26	18.980	2715	2719	2729	rVB6	68277	123355	2.53%	0.221%
27	19.116	2738	2742	2745	rBV	220852	286286	5.88%	0.514%
28	19.145	2745	2747	2751	rVB	109655	111410	2.29%	0.200%
29	19.263	2757	2767	2772	rBV5	124883	262546	5.39%	0.471%
30	19.451	2793	2799	2813	rBV	2861566	4404473	90.41%	7.900%
31	19.592	2820	2823	2829	rVB5	30976	51616	1.06%	0.093%
32	19.692	2837	2840	2843	rBV4	47236	69164	1.42%	0.124%
33	19.833	2856	2864	2868	rBV4	143484	207678	4.26%	0.373%
34	19.880	2868	2872	2879	rVB9	55624	98513	2.02%	0.177%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

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-BN081318MA.M
Title : SVOA CALIBRATION

35	19.975	2884	2888	2892	rVV2	355844	457396	9.39%	0.820%
36	20.016	2892	2895	2899	rVB2	53664	67629	1.39%	0.121%
37	20.180	2919	2923	2928	rVB4	48686	61016	1.25%	0.109%
38	20.257	2931	2936	2942	rBV2	398721	507584	10.42%	0.910%
39	20.310	2942	2945	2948	rVV3	96495	123051	2.53%	0.221%
40	20.416	2958	2963	2967	rBV4	148526	225807	4.64%	0.405%
41	20.510	2975	2979	2982	rBV3	72867	92923	1.91%	0.167%
42	20.575	2982	2990	2996	rVV2	246478	482403	9.90%	0.865%
43	20.722	3011	3015	3022	rVB2	266832	342523	7.03%	0.614%
44	20.786	3022	3026	3029	rBV2	113530	129507	2.66%	0.232%
45	20.880	3039	3042	3046	rBV5	40485	72651	1.49%	0.130%
46	20.927	3047	3050	3055	rVB4	48039	82876	1.70%	0.149%
47	20.992	3055	3061	3065	rBV3	285564	473141	9.71%	0.849%
48	21.045	3065	3070	3076	rVV3	175575	350037	7.19%	0.628%
49	21.104	3077	3080	3083	rVB5	46311	54197	1.11%	0.097%
50	21.174	3089	3092	3095	rVB	69522	70379	1.44%	0.126%
51	21.251	3099	3105	3109	rBV	3171672	4369396	89.69%	7.837%
52	21.416	3129	3133	3137	rBV4	54268	86496	1.78%	0.155%
53	21.592	3158	3163	3169	rVB3	184297	266750	5.48%	0.478%
54	21.651	3169	3173	3177	rVB3	106391	128013	2.63%	0.230%
55	21.716	3180	3184	3188	rBV3	115518	143683	2.95%	0.258%
56	21.845	3203	3206	3212	rBV2	70286	90569	1.86%	0.162%
57	22.104	3246	3250	3254	rVB2	96879	135392	2.78%	0.243%
58	22.298	3276	3283	3294	rBV2	230713	502492	10.31%	0.901%
59	22.427	3302	3305	3316	rVB	133829	209137	4.29%	0.375%
60	22.810	3365	3370	3375	rBV2	287202	547899	11.25%	0.983%
61	23.280	3447	3450	3452	rBV2	61043	79373	1.63%	0.142%
62	23.333	3452	3459	3473	rVB2	2437178	4871752	100.00%	8.739%
63	23.474	3475	3483	3491	rBV	2228342	4147375	85.13%	7.439%
64	23.998	3567	3572	3579	rVB	194106	354495	7.28%	0.636%
65	24.727	3691	3696	3702	rVB3	135873	264952	5.44%	0.475%
66	25.574	3837	3840	3849	rVB2	99743	237248	4.87%	0.426%

Sum of corrected areas: 55750115

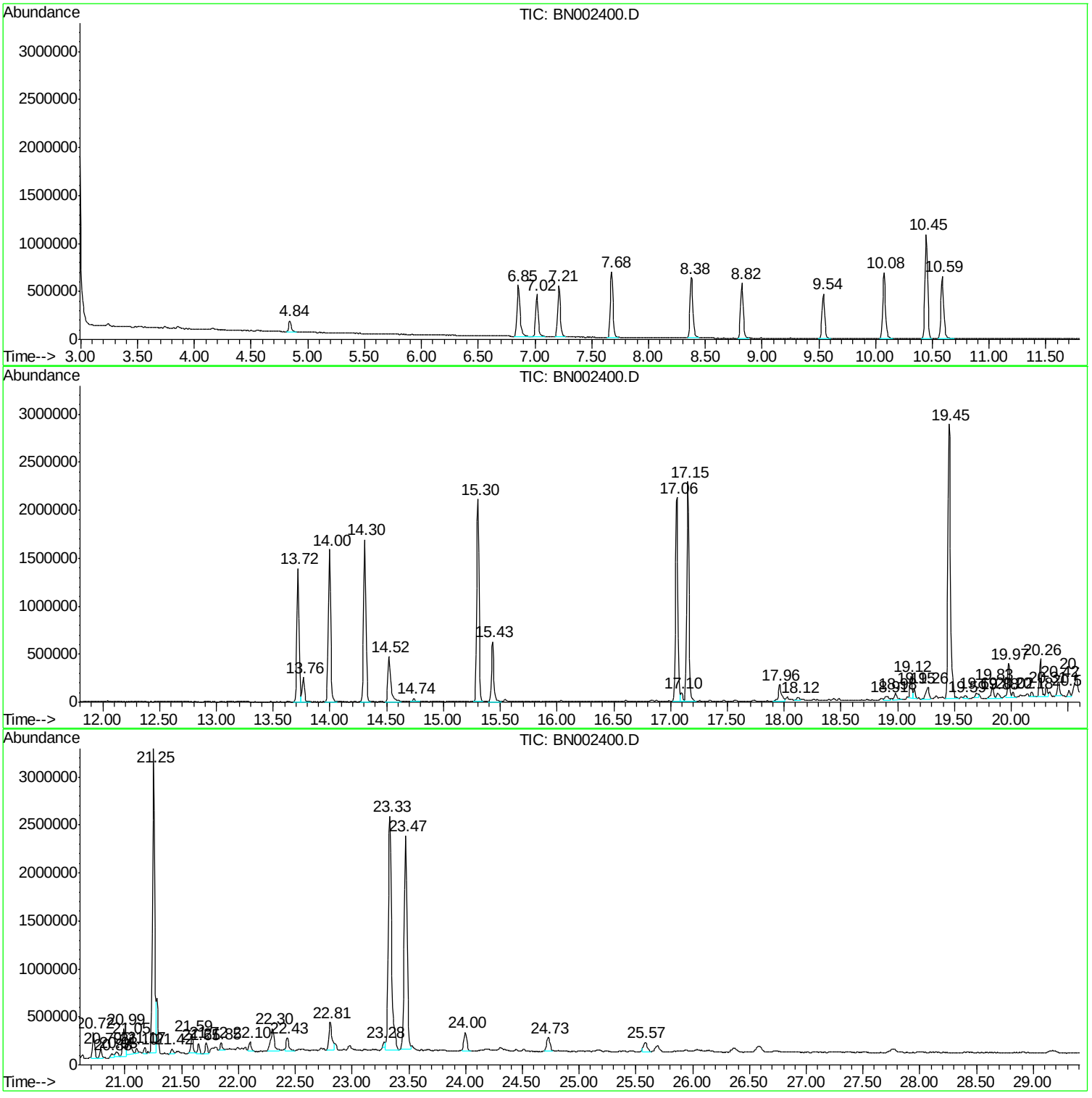
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

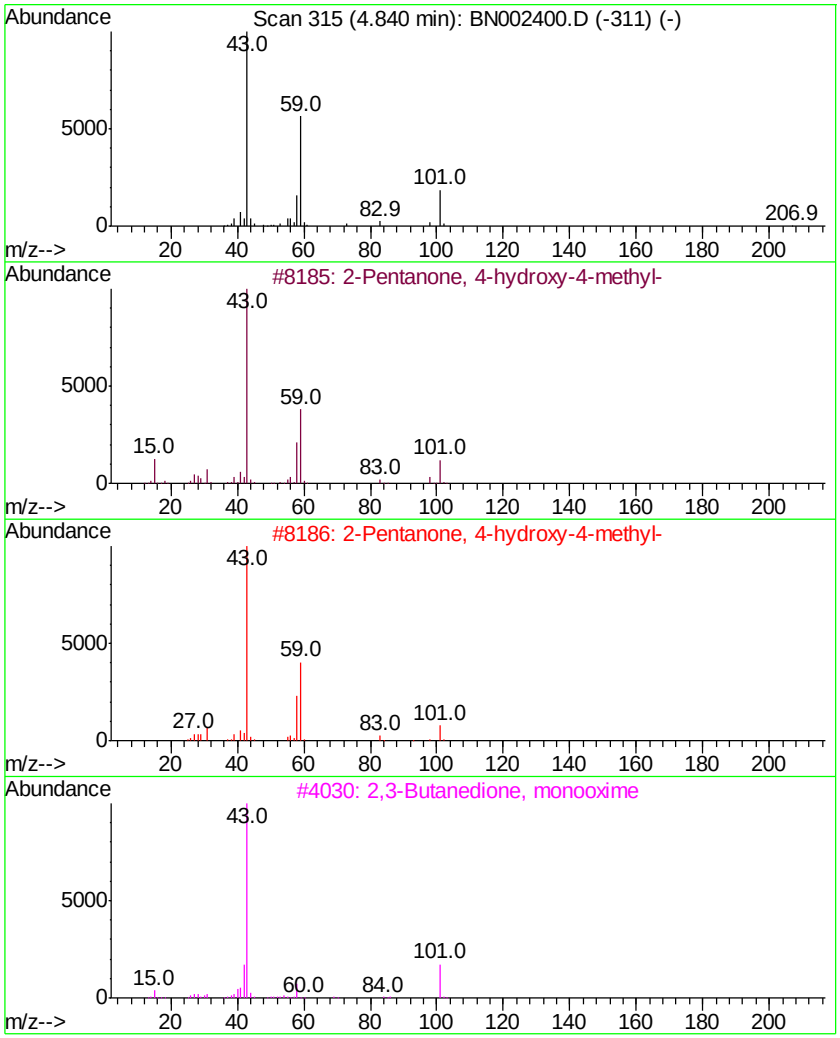
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

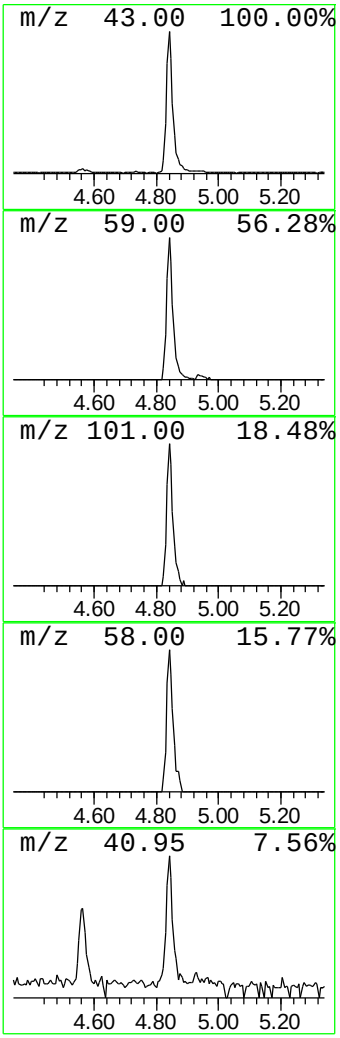
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	3.25 ng/ul	179404	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

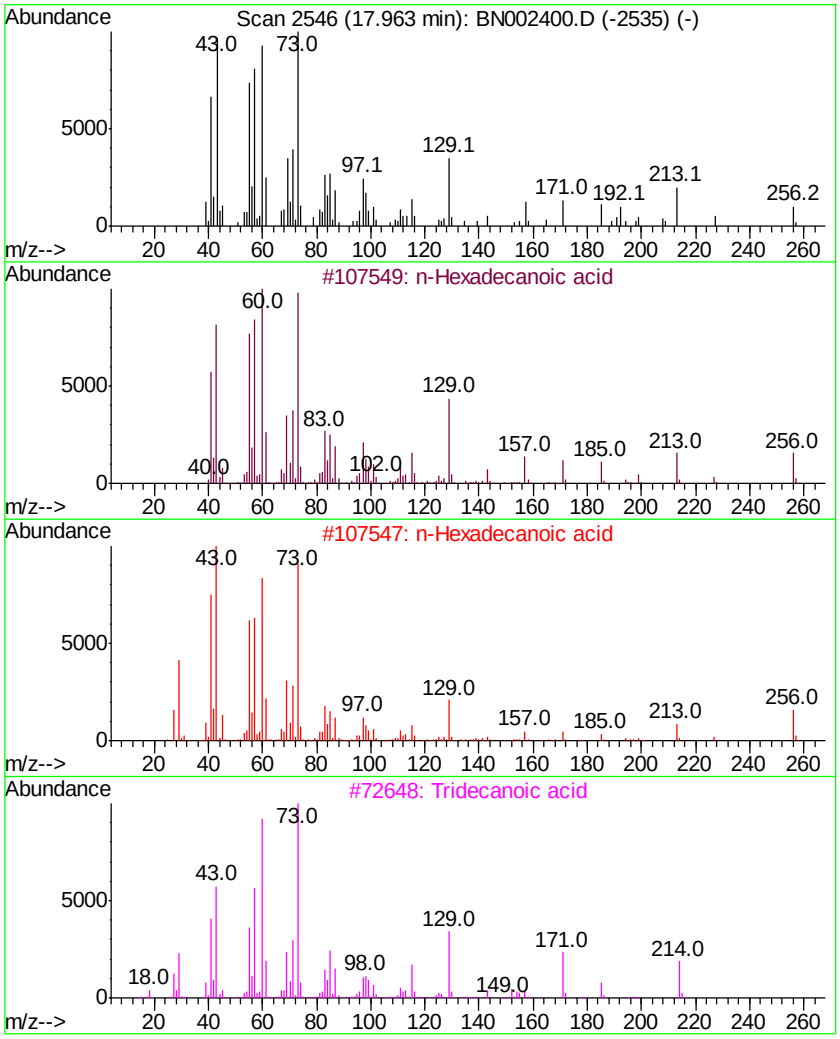
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

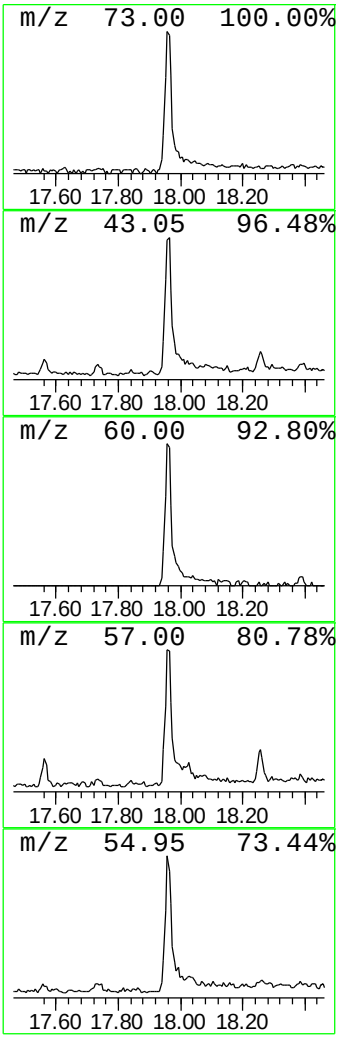
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.17 ng/ul	347764	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

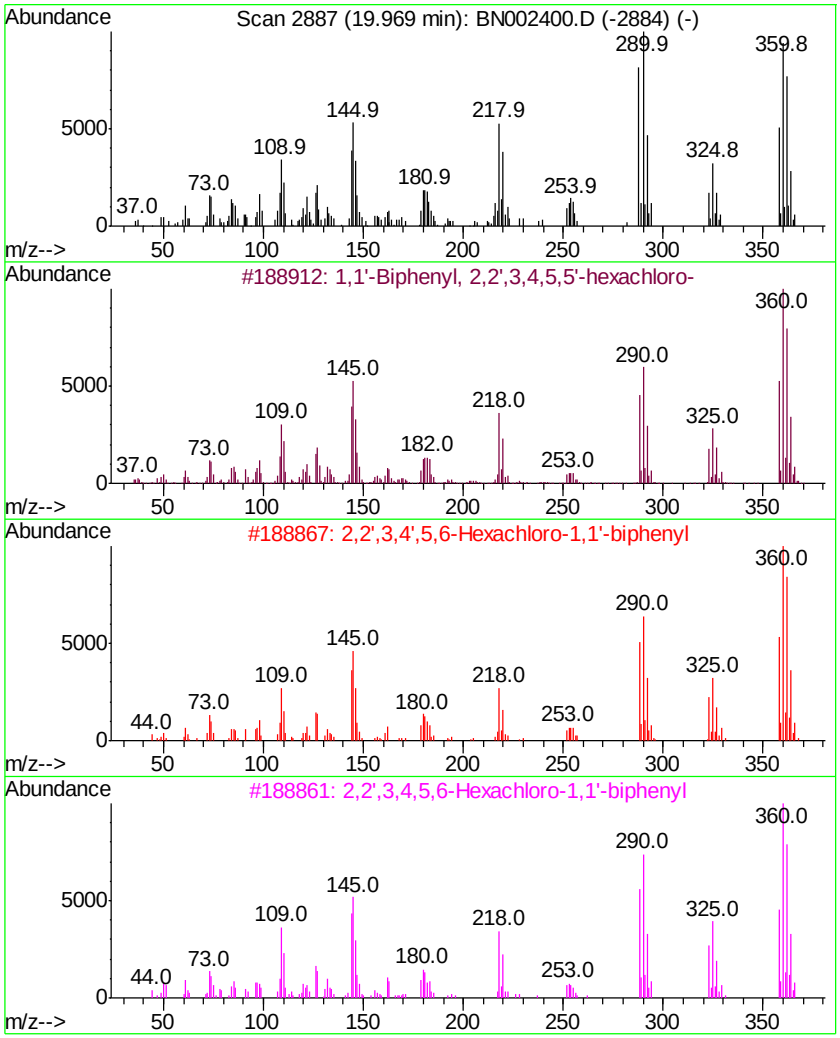
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

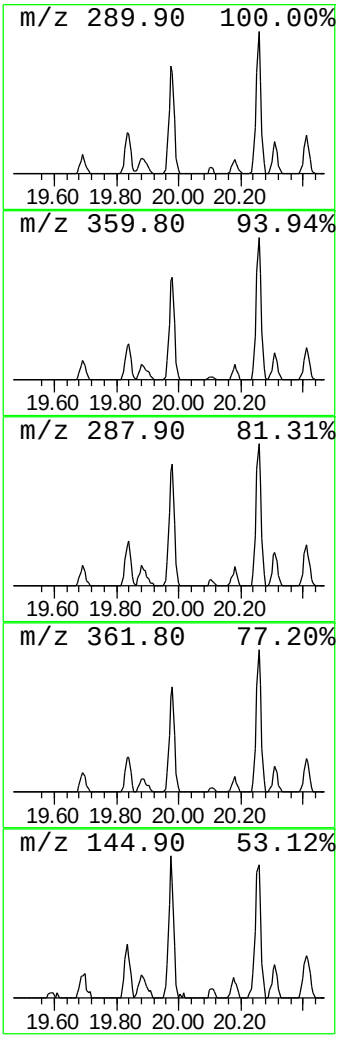
****

Peak Number 3 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.09 ng/ul	457396	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

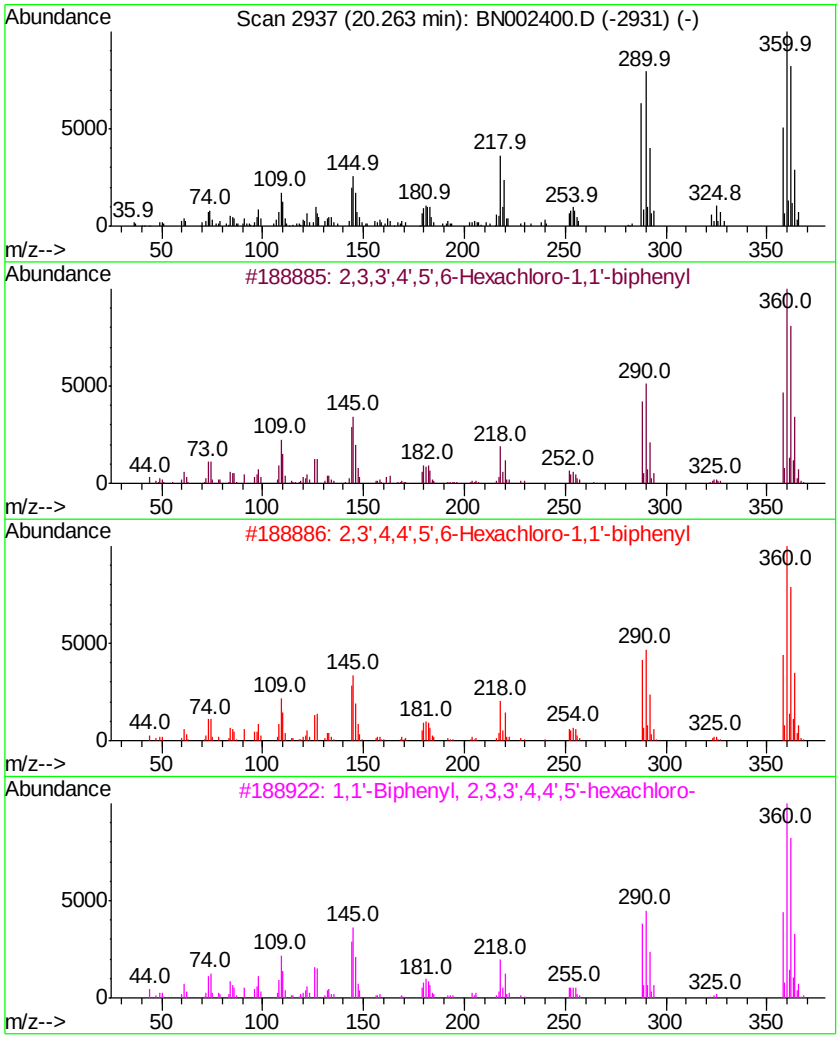
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

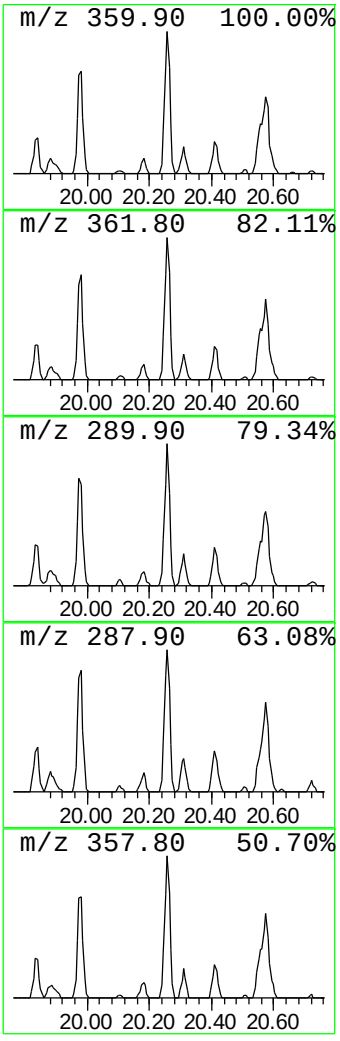
****

Peak Number 4 2,3,3',4',5',6-Hexachloro-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.32 ng/ul	507584	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

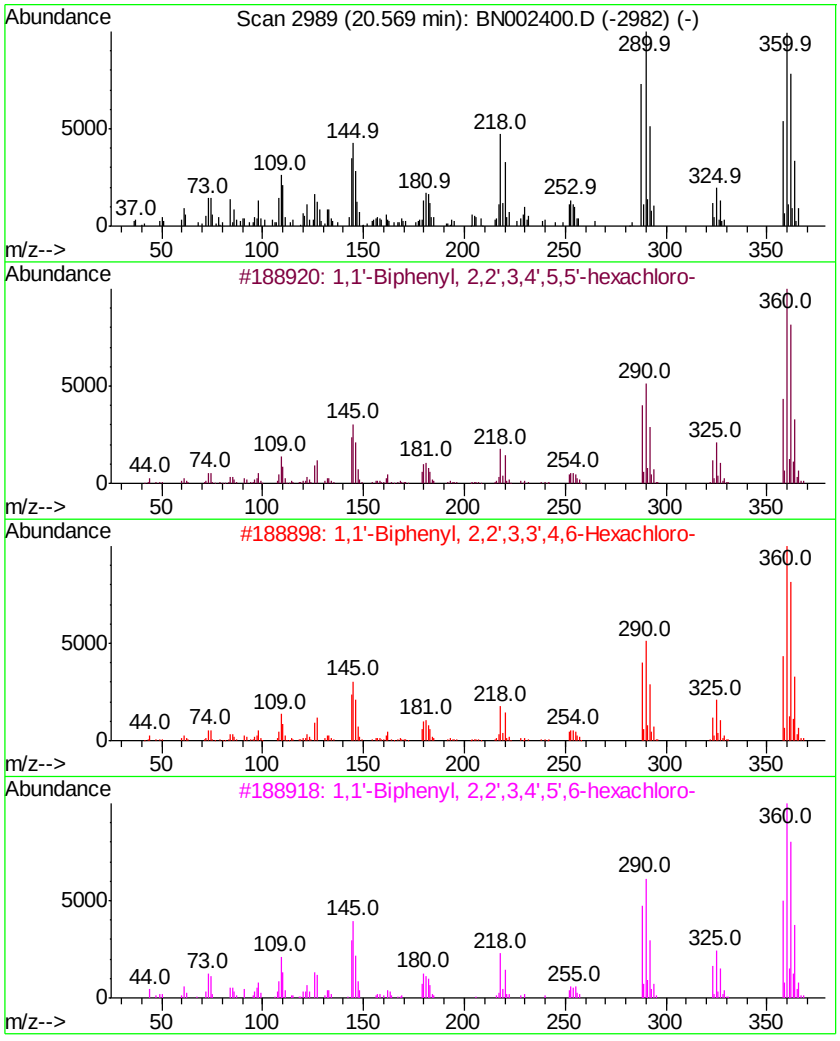
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

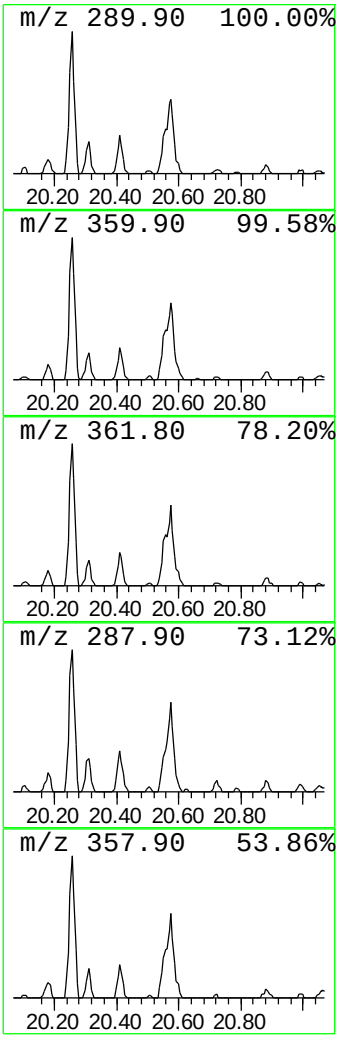
****

Peak Number 5 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.21 ng/ul	482403	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

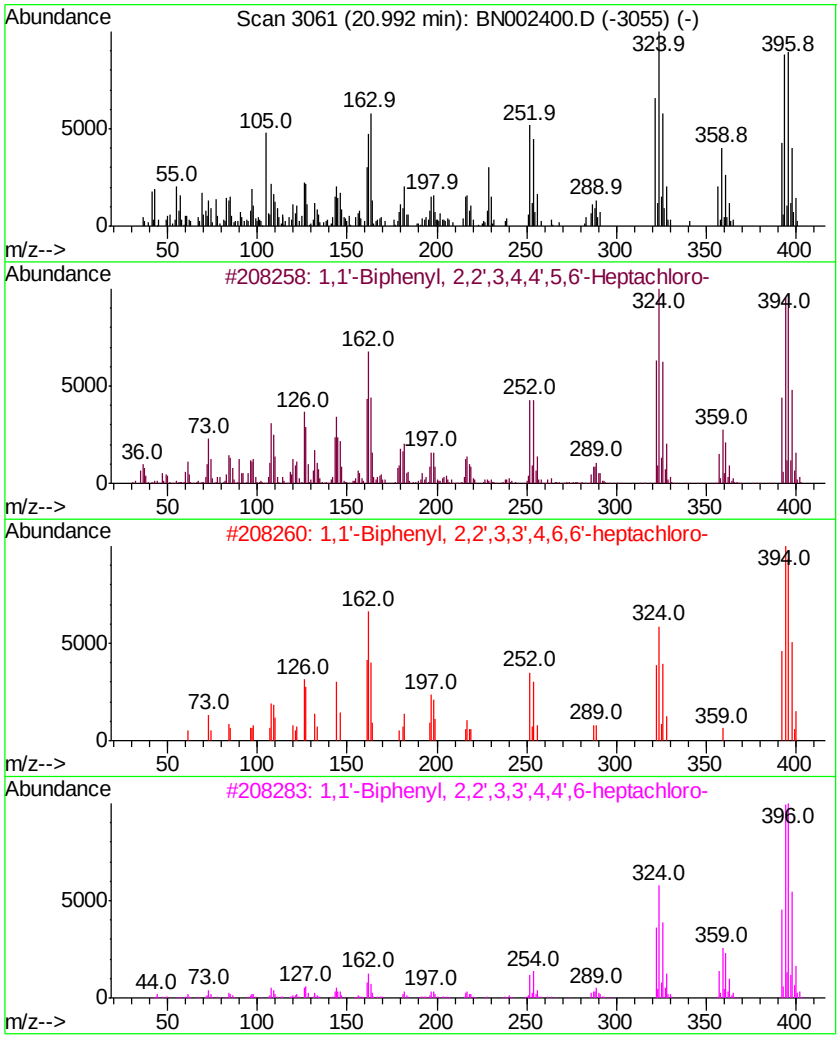
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

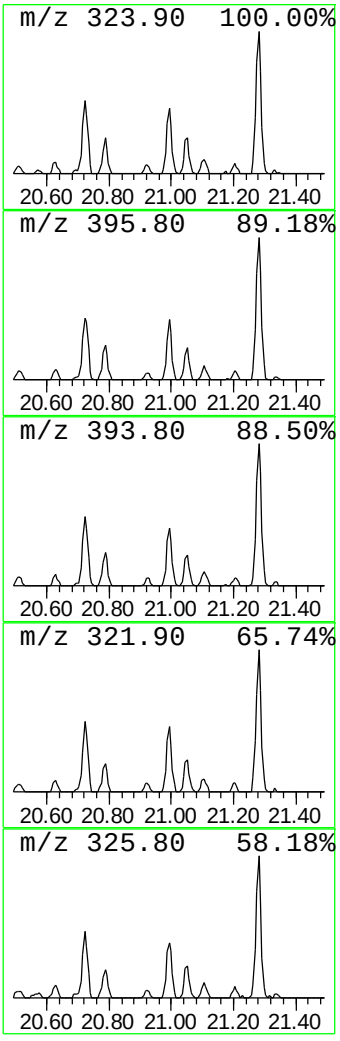
****

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.17 ng/ul	473141	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

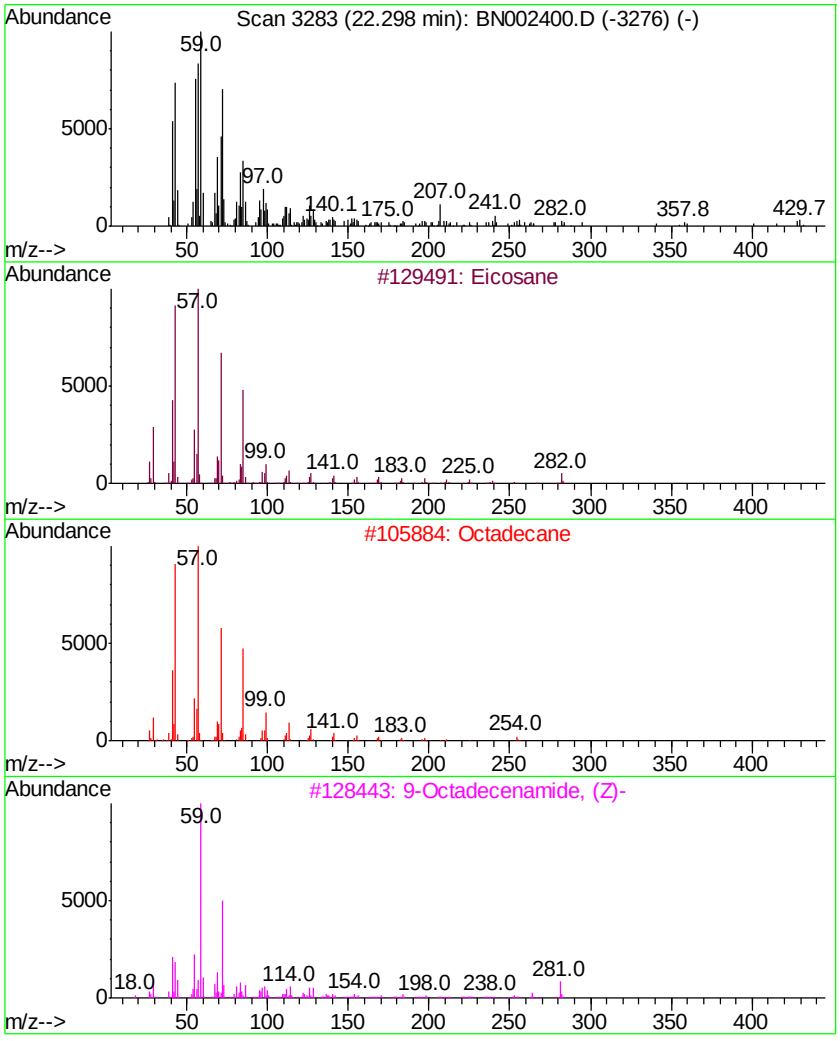
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

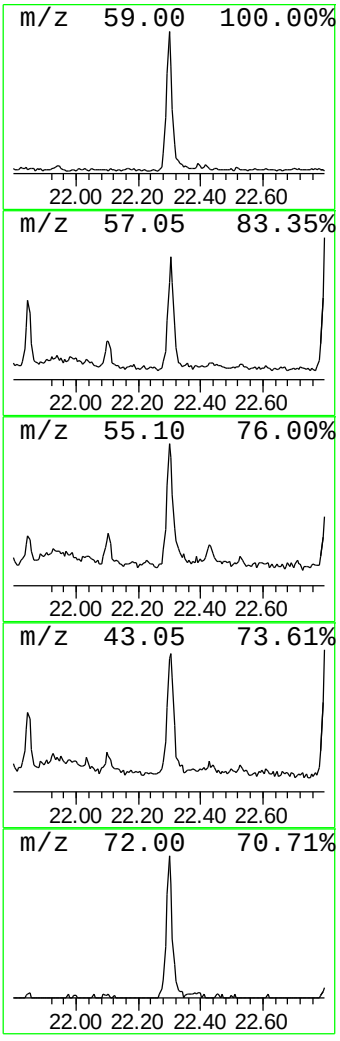
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.30 ng/ul	502492	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	62
2	Octadecane	254	C18H38	000593-45-3	60
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
4	1-Chloroeicosane	316	C20H41Cl	042217-02-7	30
5	6-Pentadecanone	226	C15H30O	001001-45-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002400.D
Acq On : 18 Aug 2018 03:57
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
2-Pentanone, 4-hy...	4.84	3.3	ng/ul	179404	1	7.68	1103470	20.0
n-Hexadecanoic acid	17.96	2.2	ng/ul	347764	4	17.06	3207530	20.0
1,1'-Biphenyl, 2,...	19.97	2.1	ng/ul	457396	5	21.25	4369400	20.0
2,3,3',4',5',6-He...	20.26	2.3	ng/ul	507584	5	21.25	4369400	20.0
1,1'-Biphenyl, 2,...	20.57	2.2	ng/ul	482403	5	21.25	4369400	20.0
1,1'-Biphenyl, 2,...	20.99	2.2	ng/ul	473141	5	21.25	4369400	20.0
(DEL) Alkane: Str...	22.30	2.3	ng/ul	502492	5	21.25	4369400	20.0