LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002103.D
Acq On : 23 Jul 2018 13:05
Operator : JU/SJ
Sample : J4038-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

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-BN071318MA.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	3.293	48	52	62	rVB	156569	235223	2.47%	0.099%
2	4.281	214	220	233	rBV	4739339	6476174	67.87%	2.720%
3	4.863	313	319	333	rBV	1564030	2221155	23.28%	0.933%
4	5.463	415	421	426	rVB	74983	109968	1.15%	0.046%
5	6.852	650	657	659	rBV	1115959	1718661	18.01%	0.722%
6	6.910	663	667	682	rVV	2080132	3482969	36.50%	1.463%
7	7.040	683	689	699	rVV	884856	1355620	14.21%	0.569%
8	7.134	699	705	716	rVV	1096562	1621494	16.99%	0.681%
9	7.240	716	723	734	rVB	1131741	1820605	19.08%	0.765%
10	7.699	795	801	810	rBV	902890	1418782	14.87%	0.596%
11	8.404	914	921	938	rBV	1258489	2030461	21.28%	0.853%
12	8.763	975	982	990	rBV	1747868	2963989	31.06%	1.245%
13	8.846	990	996	1000	rVV	1113081	1900049	19.91%	0.798%
14	8.887	1000	1003	1013	rVB	729045	1163472	12.19%	0.489%
15	9.563	1110	1118	1120	rBV	953648	1526255	16.00%	0.641%
16	9.593	1120	1123	1137	rVB	1232392	2062327	21.61%	0.866%
17	10.098	1202	1209	1226	rBV	1473136	2485483	26.05%	1.044%
18	10.475	1264	1273	1277	rBV	1378229	2642524	27.70%	1.110%
19	10.522	1277	1281	1289	rVV	2731222	4519731	47.37%	1.898%
20	10.610	1289	1296	1312	rVB	1161623	2014525	21.11%	0.846%
21	12.004	1526	1533	1540	rBV3	42546	98782	1.04%	0.041%
22	12.140	1548	1556	1564	rBV	4705016	7442684	78.00%	3.125%
23	12.357	1583	1593	1605	rVB	2403666	3893771	40.81%	1.635%
24	12.510	1612	1619	1627	rVB	1337678	2060315	21.59%	0.865%
25	12.828	1663	1673	1689	rBV	3219860	5475060	57.38%	2.299%
26	13.163	1723	1730	1733	rBV	4300395	6473966	67.85%	2.719%
27	13.198	1733	1736	1750	rVB	3127281	4793156	50.24%	2.013%
28	13.745	1822	1829	1833	rBV	2827847	3917680	41.06%	1.645%
29	13.792	1833	1837	1846	rVB	907821	1243990	13.04%	0.522%
30	14.022	1865	1876	1879	rBV	3008431	5243144	54.95%	2.202%
31	14.051	1879	1881	1889	rVB	3305525	4095610	42.92%	1.720%
32	14.334	1919	1929	1934	rBV2	1985015	3111490	32.61%	1.307%
33	14.398	1934	1940	1948	rVB	3414749	5063498	53.07%	2.126%
34	14.551	1958	1966	1971	rBV3	1699234	3416350	35.81%	1.435%

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Sample : J4038-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

35	14.610	1971	1976	1986	rVV	2468409	3808360	39.91%	1.599%
36	14.704	1986	1992	1994	rVV	1564246	2252974	23.61%	0.946%
37	14.733	1994	1997	2014	rVB	1648195	2326984	24.39%	0.977%
38	15.163	2060	2070	2074	rBV	2117379	2845804	29.83%	1.195%
39	15.198	2074	2076	2083	rVB	373760	378508	3.97%	0.159%
40	15.328	2091	2098	2103	rBV	3933534	5753708	60.30%	2.416%
41	15.386	2103	2108	2114	rVV	4216684	5993342	62.81%	2.517%
42	15.451	2114	2119	2131	rVV	1288807	1834273	19.22%	0.770%
43	16.063	2218	2223	2230	rBV	70954	122191	1.28%	0.051%
44	16.386	2272	2278	2288	rVB	1382945	1950426	20.44%	0.819%
45	16.851	2353	2357	2362	rBV	187374	257019	2.69%	0.108%
46	17.080	2388	2396	2399	rBV	2516117	3724023	39.03%	1.564%
47	17.122	2399	2403	2408	rVV	4300832	5924373	62.09%	2.488%
48	17.180	2408	2413	2416	rVV2	4180803	6779893	71.06%	2.847%
49	17.216	2416	2419	2425	rVB	7245683	9280255	97.26%	3.897%
50	17.586	2479	2482	2486	rBV	82517	101009	1.06%	0.042%
51	17.757	2504	2511	2516	rVB7	51923	106206	1.11%	0.045%
52	17.986	2546	2550	2557	rBV	405421	567567	5.95%	0.238%
53	18.051	2558	2561	2566	rVB	86920	117782	1.23%	0.049%
54	18.280	2596	2600	2605	rBV	97045	116863	1.22%	0.049%
55	18.498	2633	2637	2643	rBV2	101371	145040	1.52%	0.061%
56	19.145	2737	2747	2753	rBV	4554259	6277264	65.79%	2.636%
57	19.480	2797	2804	2807	rBV	5015672	8179254	85.72%	3.435%
58	19.510	2807	2809	2815	rVB	4465578	4556645	47.76%	1.914%
59	21.068	3065	3074	3094	rVV5	267529	1424517	14.93%	0.598%
60	21.268	3101	3108	3113	rBV2	4750110	9356717	98.07%	3.929%
61	21.316	3113	3116	3125	rVB	3487217	4186132	43.87%	1.758%
62	21.445	3134	3138	3142	rBV	179137	219828	2.30%	0.092%
63	21.880	3207	3212	3217	rBV	406771	496598	5.20%	0.209%
64	22.080	3241	3246	3253	rVB	3364800	4362379	45.72%	1.832%
65	22.339	3285	3290	3296	rVB	670314	901273	9.45%	0.378%
66	22.845	3368	3376	3380	rBV	5598852	9541339	100.00%	4.007%
67	22.886	3380	3383	3394	rVB	2644913	4001397	41.94%	1.680%
68	23.368	3457	3465	3469	rBV	3186202	6404058	67.12%	2.689%
69	23.415	3469	3473	3481	rVV2	3201969	5687447	59.61%	2.388%
70	23.510	3482	3489	3502	rVB	1876664	3546472	37.17%	1.489%
71	24.051	3574	3581	3591	rVB	814244	1556168	16.31%	0.653%

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Misc :
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ClientSampleId : DB1J2

Integration Parameters: LSCINT.P
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Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

72	24.792	3700	3707	3716	rVB	449057	1017143	10.66%	0.427%
73	25.651	3847	3853	3859	rBV3	204704	494973	5.19%	0.208%
74	25.745	3859	3869	3885	rVB2	2155112	6031118	63.21%	2.533%
75	26.427	3974	3985	3999	rVB	1767093	5403771	56.64%	2.269%

Sum of corrected areas: 238130056

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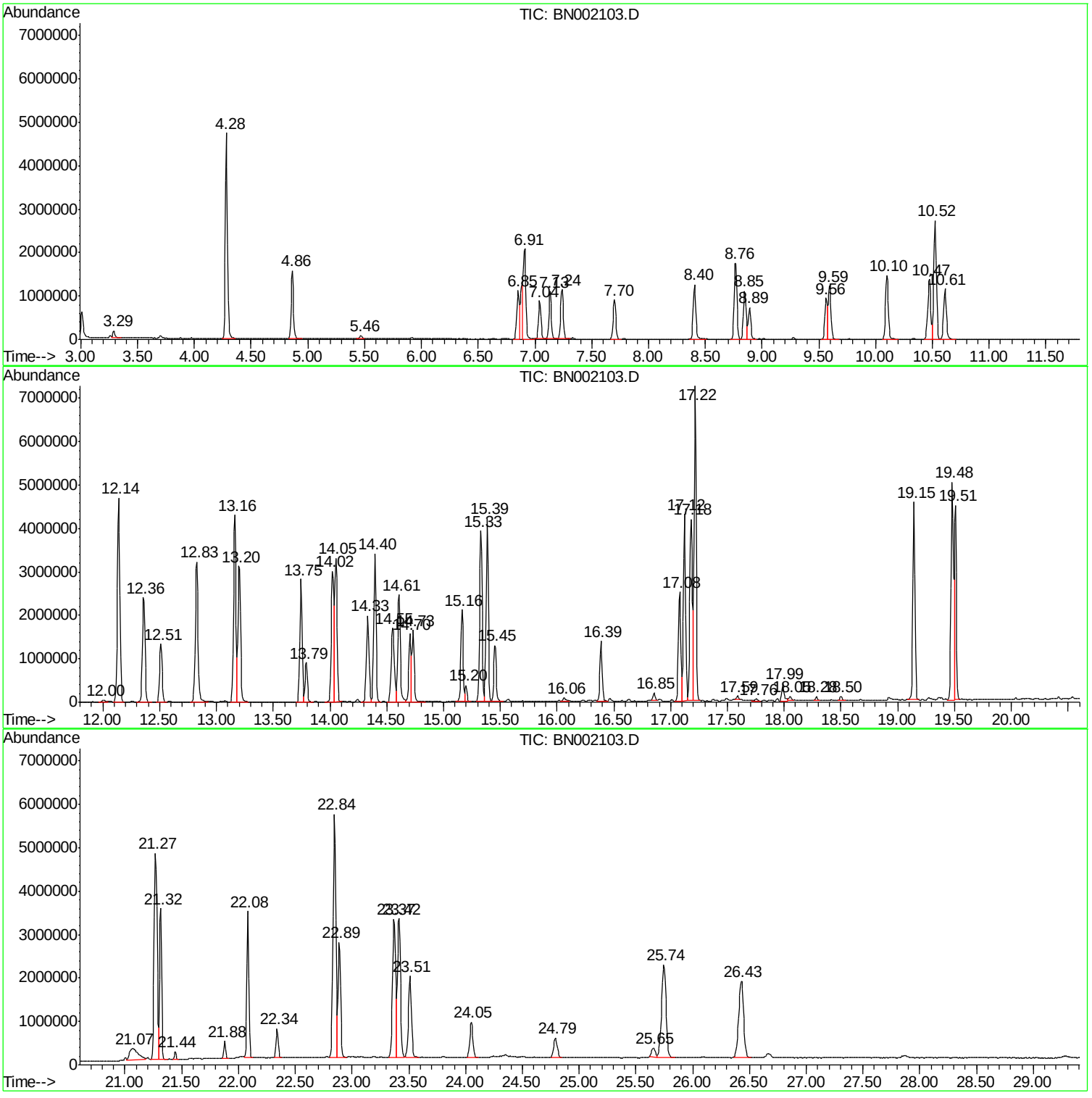
Instrument :
BNA_N
ClientSampleId :
DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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\BN072318\
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

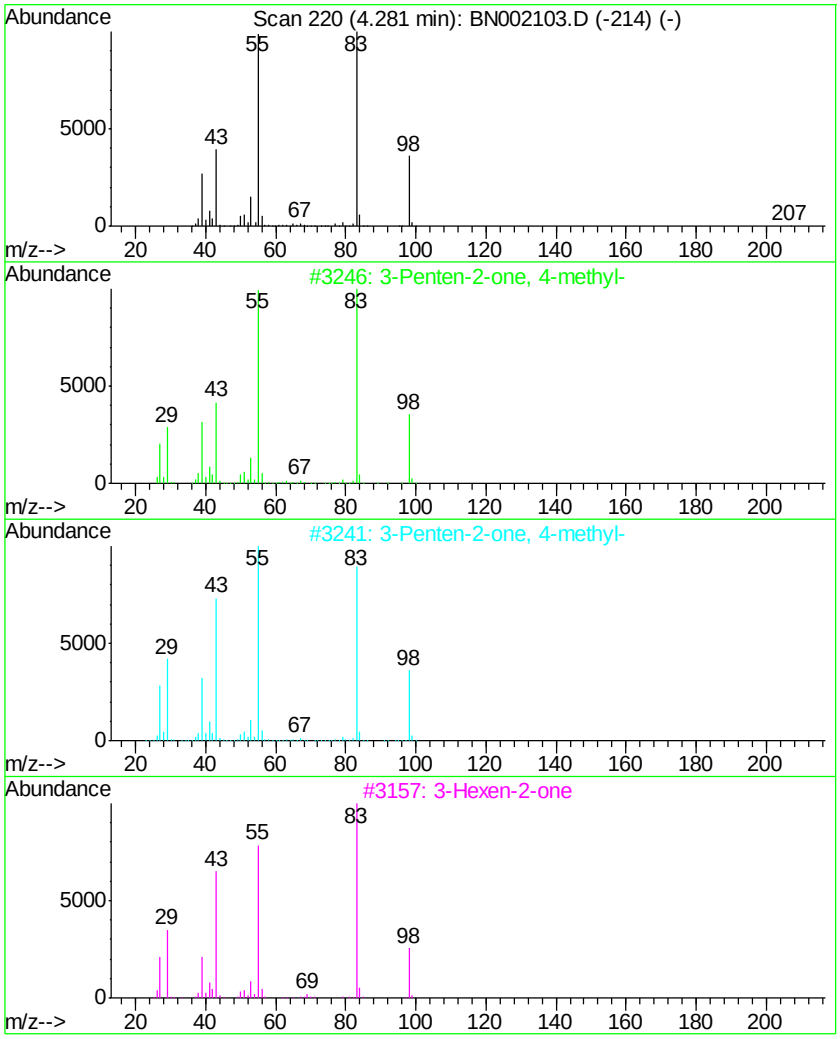
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

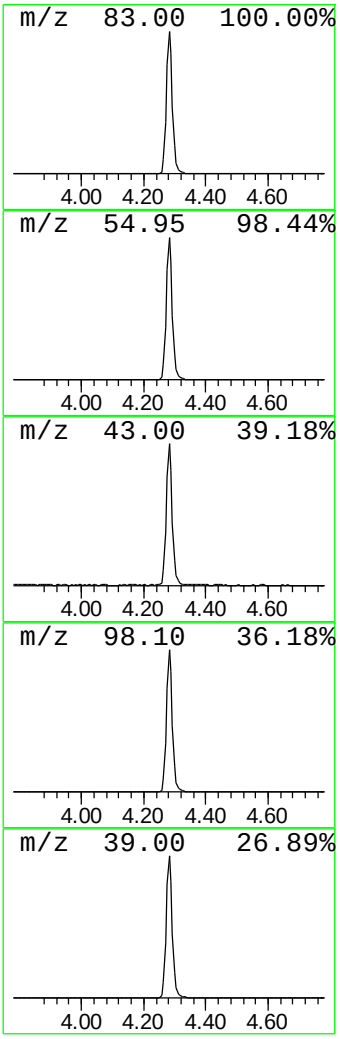
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	91.29 ng/ul	6476170	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Hexen-2-one	98	C6H10O	000763-93-9	90
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90





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Operator : JU/SJ
Sample : J4038-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

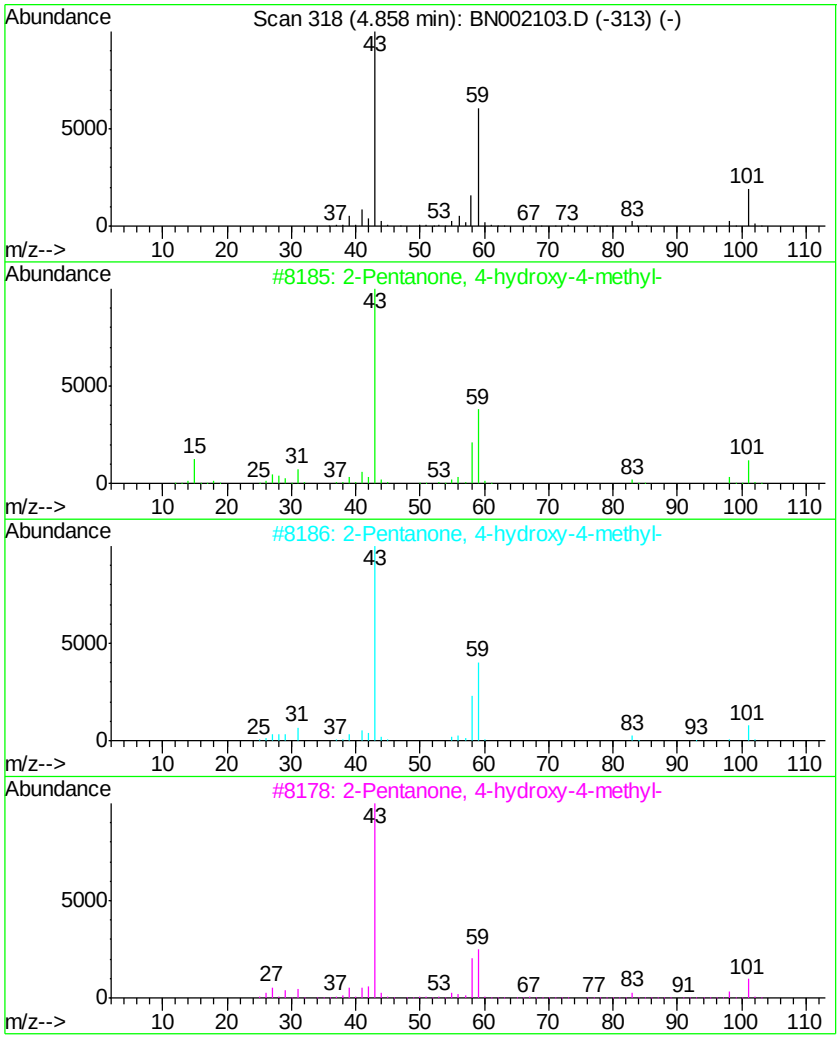
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

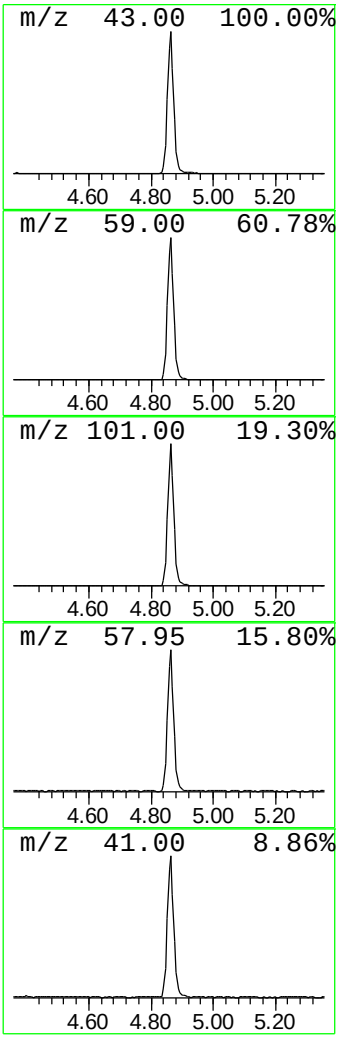
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	31.31 ng/ul	2221160	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Sample : J4038-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

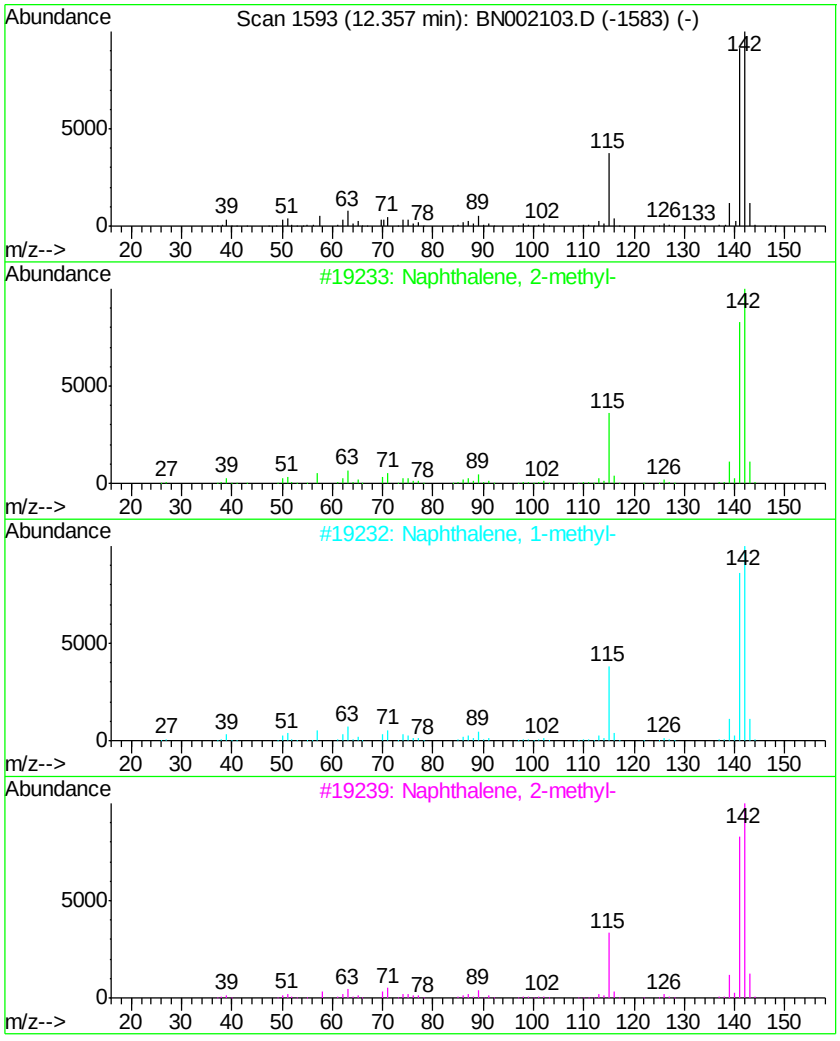
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

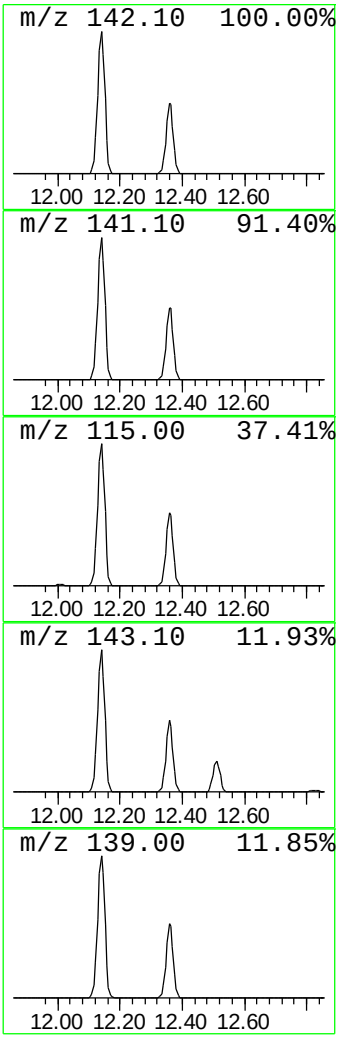
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	29.47 ng/ul	3893770	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

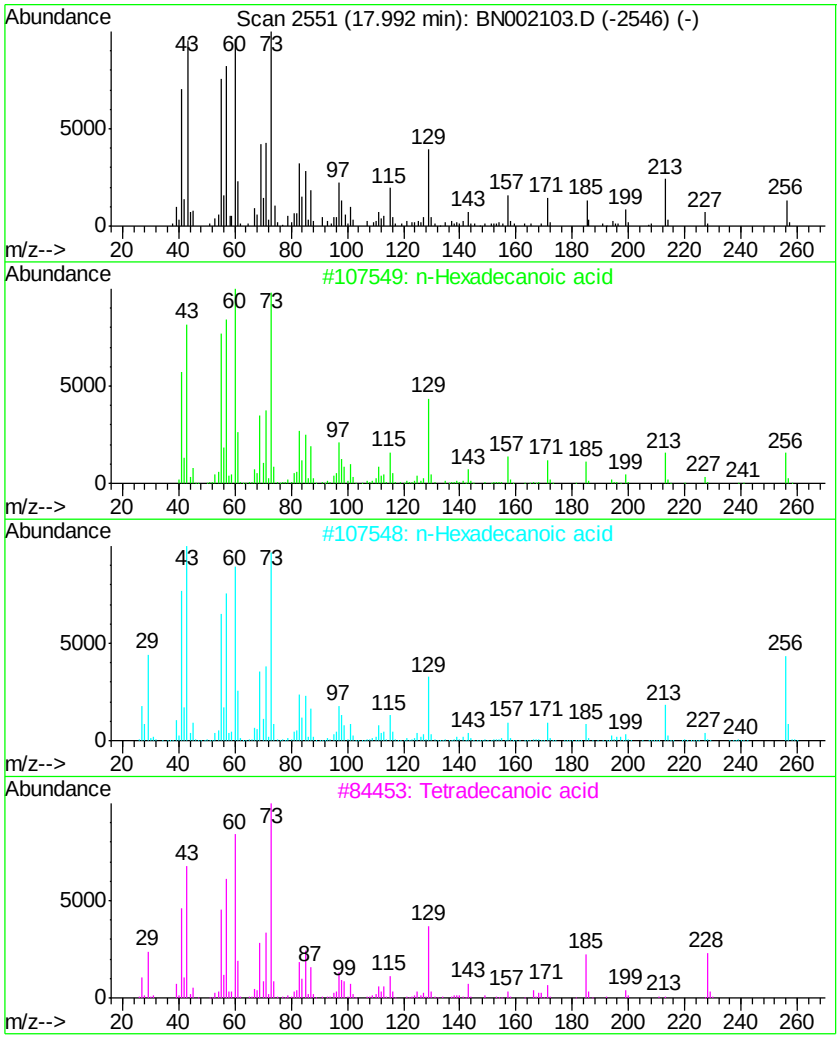
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

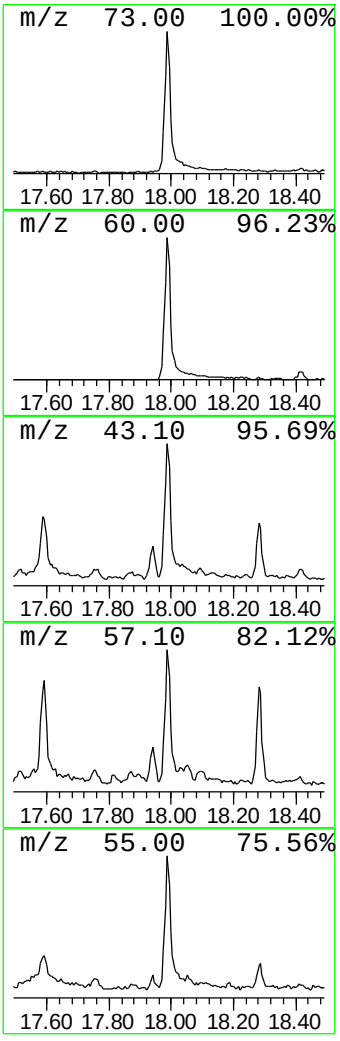
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.05 ng/ul	567567	Phenanthrene-d10	17.08

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	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Misc :
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Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

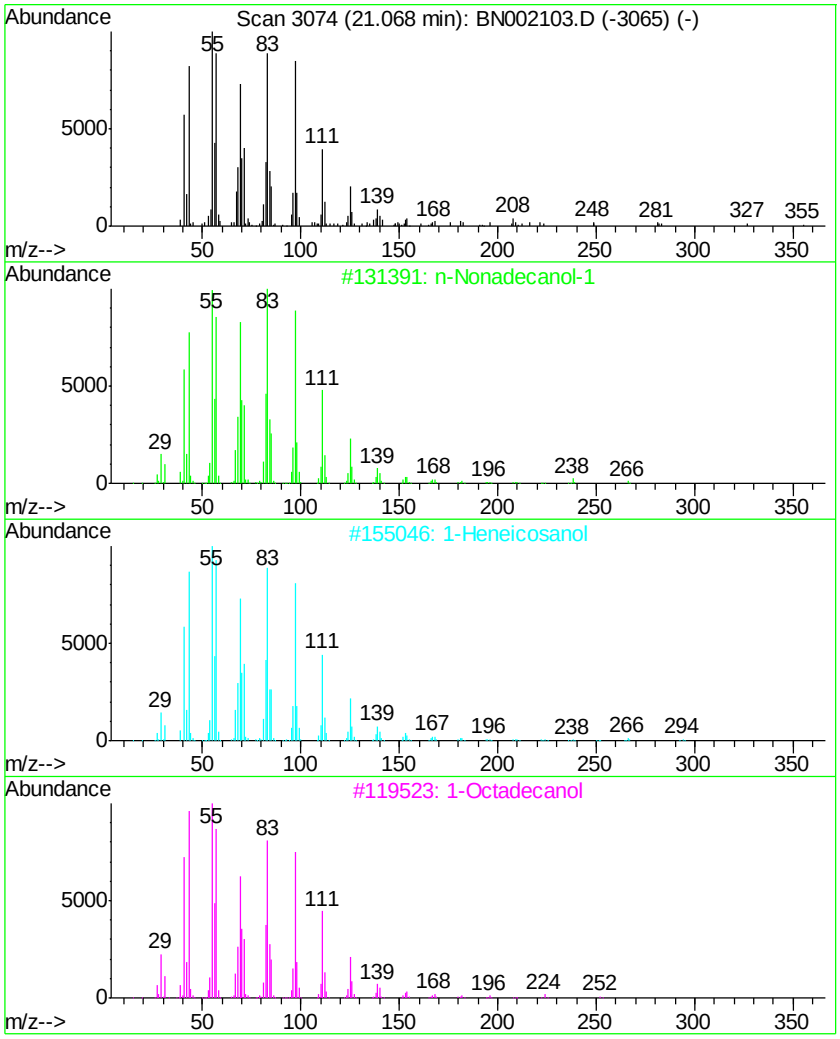
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

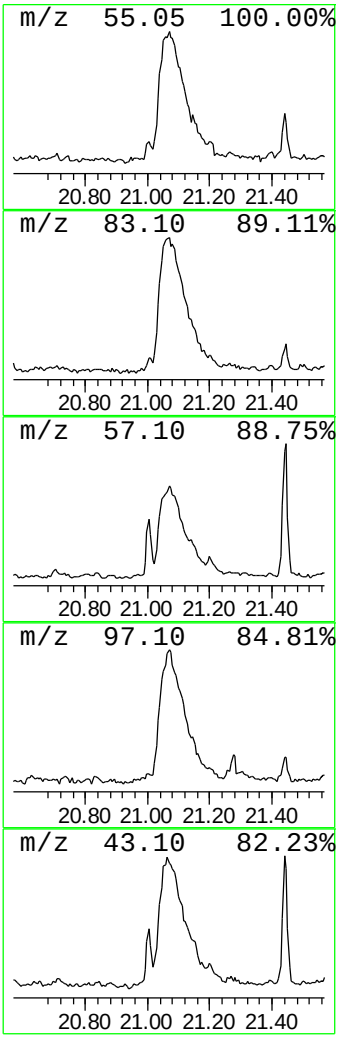
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.04 ng/ul	1424520	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Octadecanol	270	C18H38O	000112-92-5	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

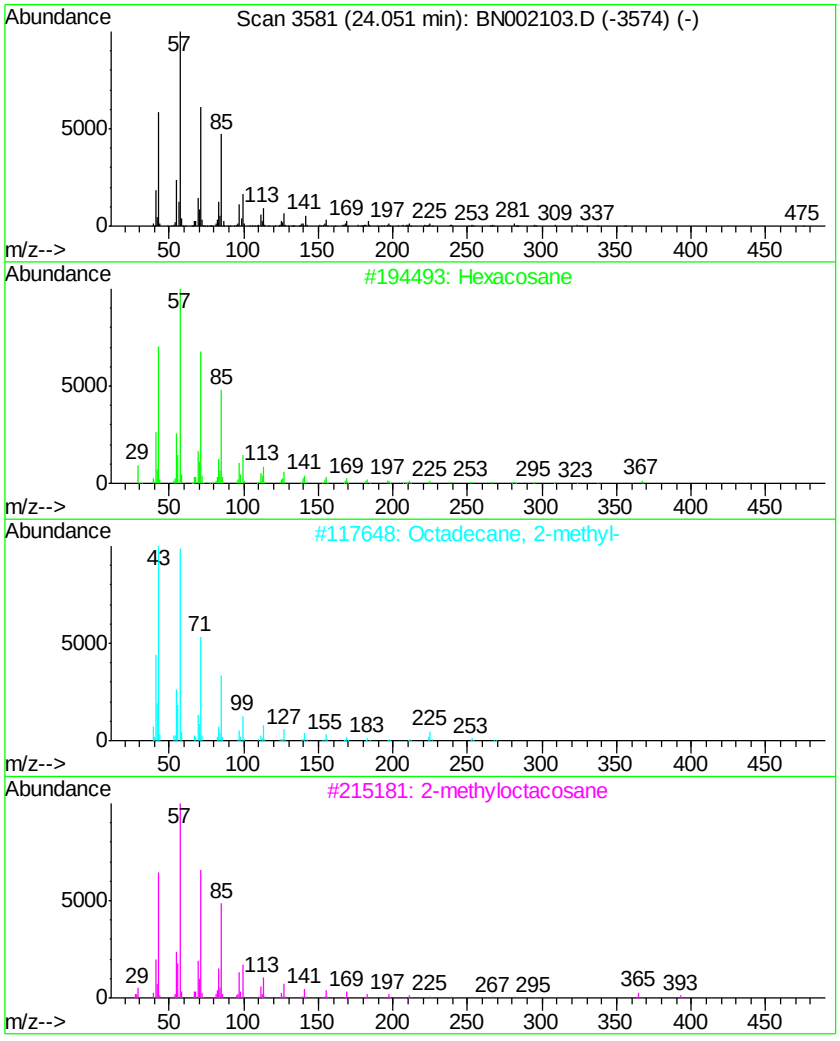
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

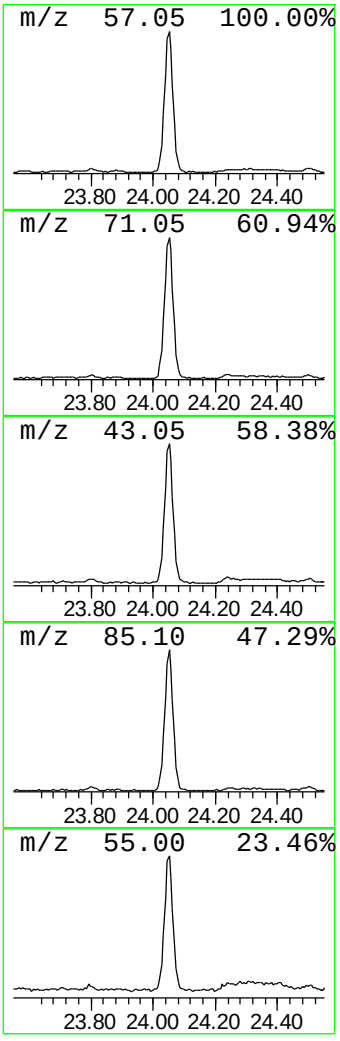
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	8.78 ng/ul	1556170	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
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Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

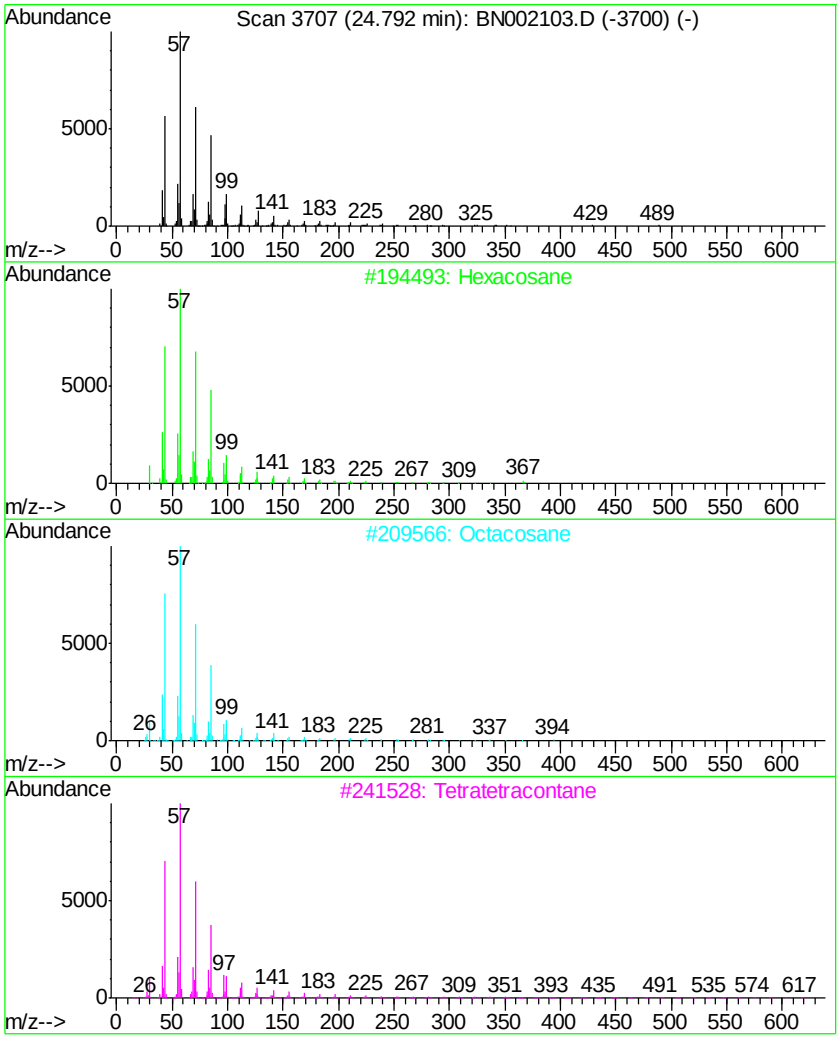
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

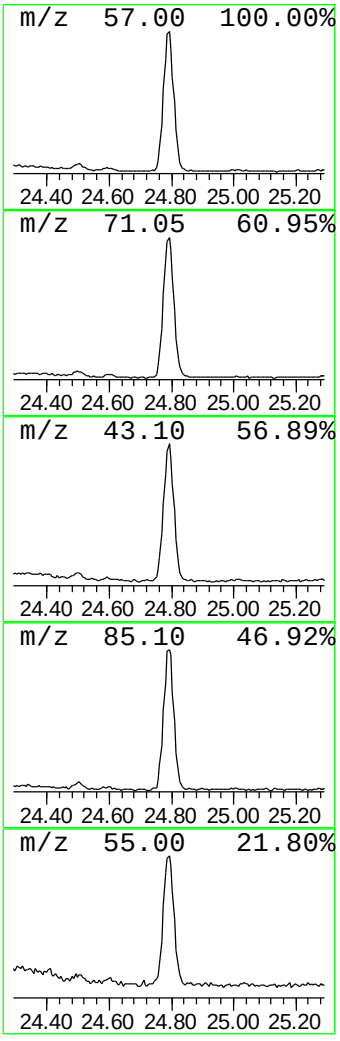
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	5.74 ng/ul	1017140	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002103.D
Acq On : 23 Jul 2018 13:05
Operator : JU/SJ
Sample : J4038-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

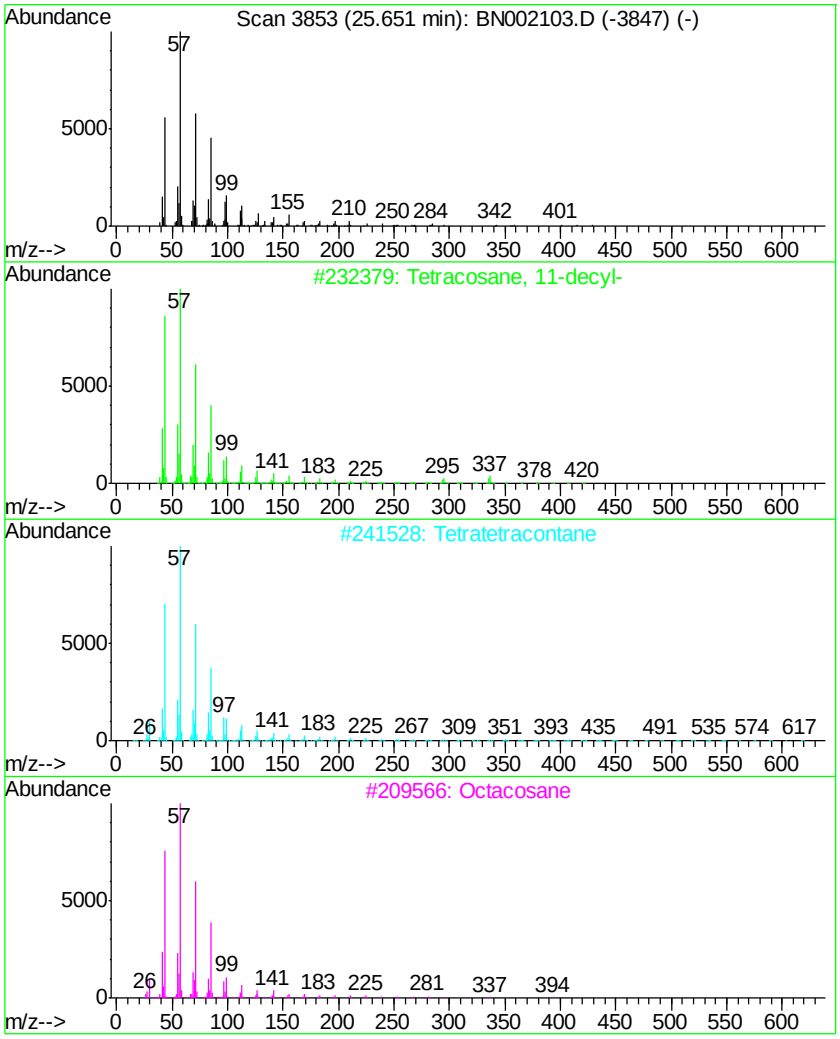
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

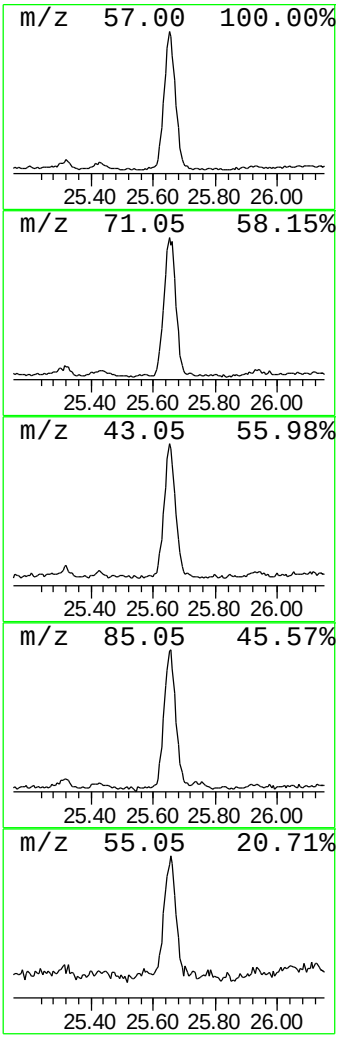
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.65	2.79 ng/ul	494973	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002103.D
Acq On : 23 Jul 2018 13:05
Operator : JU/SJ
Sample : J4038-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1J2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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
3-Penten-2-one, 4...	4.28	91.3	ng/ul	6476170	1	7.70	1418780	20.0
2-Pentanone, 4-hy...	4.86	31.3	ng/ul	2221160	1	7.70	1418780	20.0
Naphthalene, 1-me...	12.36	29.5	ng/ul	3893770	2	10.47	2642520	20.0
n-Hexadecanoic acid	17.99	3.0	ng/ul	567567	4	17.08	3724020	20.0
n-Nonadecanol-1	21.07	3.0	ng/ul	1424520	5	21.28	9356720	20.0
(DEL) Alkane: Str...	24.05	8.8	ng/ul	1556170	6	23.51	3546470	20.0
(DEL) Alkane: Str...	24.79	5.7	ng/ul	1017140	6	23.51	3546470	20.0
(DEL) Alkane: Str...	25.65	2.8	ng/ul	494973	6	23.51	3546470	20.0