LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006456.D
Acq On : 21 Jun 2019 08:04
Operator : JU/SJ
Sample : K3360-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

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_N\METHODS\SOM-EPA-BN061919MA.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	3.134	21	25	34	rVB	42239	64112	1.02%	0.090%
2	3.646	108	112	121	rVB	24499	34612	0.55%	0.049%
3	3.764	128	132	136	rVB2	10226	13225	0.21%	0.019%
4	3.858	144	148	154	rBV	13551	22048	0.35%	0.031%
5	4.758	295	301	311	rBV3	23441	56721	0.90%	0.080%
6	6.805	642	649	669	rBV	847597	1494854	23.84%	2.099%
7	6.963	670	676	695	rVB	698564	1090169	17.39%	1.531%
8	7.158	703	709	722	rBV	849029	1376502	21.95%	1.933%
9	7.622	782	788	798	rBV	919568	1475067	23.53%	2.071%
10	8.334	902	909	925	rBV	927107	1571473	25.06%	2.206%
11	8.457	927	930	936	rVB4	7339	12950	0.21%	0.018%
12	8.781	977	985	1000	rBV	793569	1379640	22.00%	1.937%
13	8.946	1010	1013	1017	rVB5	5220	9327	0.15%	0.013%
14	9.193	1050	1055	1063	rVB	9172	14541	0.23%	0.020%
15	9.499	1100	1107	1118	rBV	677961	1140095	18.18%	1.601%
16	10.034	1191	1198	1217	rBV	1076498	1863000	29.71%	2.616%
17	10.404	1254	1261	1276	rVB	1421183	2334327	37.23%	3.277%
18	10.546	1279	1285	1307	rBV	804325	1532069	24.44%	2.151%
19	11.940	1515	1522	1529	rBV	173750	290405	4.63%	0.408%
20	12.004	1529	1533	1538	rVB2	12588	22326	0.36%	0.031%
21	12.875	1676	1681	1684	rBV4	5090	7257	0.12%	0.010%
22	13.245	1738	1744	1752	rBV6	3944	7338	0.12%	0.010%
23	13.692	1814	1820	1824	rBV	2250977	3051133	48.66%	4.284%
24	13.740	1824	1828	1835	rVB	423604	580222	9.25%	0.815%
25	13.969	1860	1867	1883	rBV	2483005	3569350	56.93%	5.011%
26	14.181	1897	1903	1908	rVB5	5461	9337	0.15%	0.013%
27	14.281	1913	1920	1935	rVV2	2146155	3211525	51.22%	4.509%
28	14.504	1953	1958	1977	rBV	623525	1152092	18.37%	1.618%
29	14.716	1991	1994	2002	rVB7	13116	21503	0.34%	0.030%
30	15.087	2052	2057	2063	rBV	60773	81237	1.30%	0.114%
31	15.139	2063	2066	2070	rVB5	11721	16036	0.26%	0.023%
32	15.281	2083	2090	2098	rBV	3288753	4608207	73.50%	6.470%
33	15.339	2098	2100	2104	rVV3	12597	17840	0.28%	0.025%
34	15.416	2108	2113	2126	rVV	760567	1111133	17.72%	1.560%

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Sample : K3360-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

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_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

35	15.516	2126	2130	2140	rVB2	43098	74099	1.18%	0.104%
36	15.651	2148	2153	2157	rVB4	4856	7788	0.12%	0.011%
37	15.698	2157	2161	2168	rVB5	4312	6871	0.11%	0.010%
38	15.763	2168	2172	2178	rBV6	4498	7053	0.11%	0.010%
39	15.963	2202	2206	2210	rBV4	6455	8874	0.14%	0.012%
40	16.004	2210	2213	2220	rVV2	12477	19507	0.31%	0.027%
41	16.181	2237	2243	2248	rBV4	11223	15718	0.25%	0.022%
42	16.581	2306	2311	2317	rBV2	28564	36698	0.59%	0.052%
43	16.804	2345	2349	2350	rBV3	12873	15757	0.25%	0.022%
44	16.822	2350	2352	2359	rVB3	10735	21502	0.34%	0.030%
45	16.945	2368	2373	2381	rBV6	14833	29543	0.47%	0.041%
46	17.039	2381	2389	2399	rBV	2769789	3971326	63.34%	5.576%
47	17.133	2399	2405	2419	rVB2	3479099	4891622	78.02%	6.868%
48	17.822	2516	2522	2527	rBV5	16745	32855	0.52%	0.046%
49	17.886	2529	2533	2538	rBV5	14209	26791	0.43%	0.038%
50	17.939	2538	2542	2551	rBV	300715	511001	8.15%	0.717%
51	18.239	2588	2593	2596	rBV5	12875	25493	0.41%	0.036%
52	18.269	2596	2598	2605	rVB6	10261	21772	0.35%	0.031%
53	18.428	2623	2625	2630	rVB5	6940	8276	0.13%	0.012%
54	18.875	2698	2701	2705	rVB3	9507	10794	0.17%	0.015%
55	18.998	2720	2722	2725	rVB4	6830	7685	0.12%	0.011%
56	19.080	2731	2736	2737	rBV	42249	54326	0.87%	0.076%
57	19.110	2737	2741	2750	rVB	94689	147017	2.34%	0.206%
58	19.233	2758	2762	2771	rBV3	67662	128786	2.05%	0.181%
59	19.333	2775	2779	2784	rVB	36057	55261	0.88%	0.078%
60	19.445	2792	2798	2813	rBV2	4256966	5893405	94.00%	8.274%
61	19.998	2886	2892	2898	rVB3	32983	54406	0.87%	0.076%
62	20.369	2952	2955	2961	rBV7	27642	40939	0.65%	0.057%
63	20.498	2974	2977	2981	rVB2	43510	51010	0.81%	0.072%
64	20.969	3053	3057	3076	rBV	504630	1071957	17.10%	1.505%
65	21.174	3088	3092	3097	rBV	173420	193881	3.09%	0.272%
66	21.257	3100	3106	3111	rBV	3505370	4494235	71.68%	6.310%
67	21.410	3128	3132	3137	rBV	200854	228157	3.64%	0.320%
68	21.845	3202	3206	3209	rBV	338429	396809	6.33%	0.557%
69	22.304	3279	3284	3290	rBV	509599	688620	10.98%	0.967%
70	22.427	3303	3305	3310	rVB	62588	71129	1.13%	0.100%
71	22.527	3320	3322	3329	rVB4	50691	60607	0.97%	0.085%

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Sample : K3360-08
Misc :
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Instrument : BNA_N
ClientSampleId : A41Y8

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_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

72	22.804	3364	3369	3374	rBV2	559894	888535	14.17%	1.248%
73	22.857	3374	3378	3395	rVB	352795	994134	15.86%	1.396%
74	23.351	3454	3462	3475	rVB	3235351	6269893	100.00%	8.803%
75	23.486	3478	3485	3501	rVB	2340251	4521956	72.12%	6.349%
76	23.998	3566	3572	3582	rVB	437618	848283	13.53%	1.191%
77	24.098	3584	3589	3602	rBV2	116078	377664	6.02%	0.530%
78	24.727	3691	3696	3703	rBV	210021	432895	6.90%	0.608%
79	25.586	3837	3842	3849	rVB	120773	268312	4.28%	0.377%

Sum of corrected areas: 71224915

LSC Report - Integrated Chromatogram

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Data File : BN006456.D
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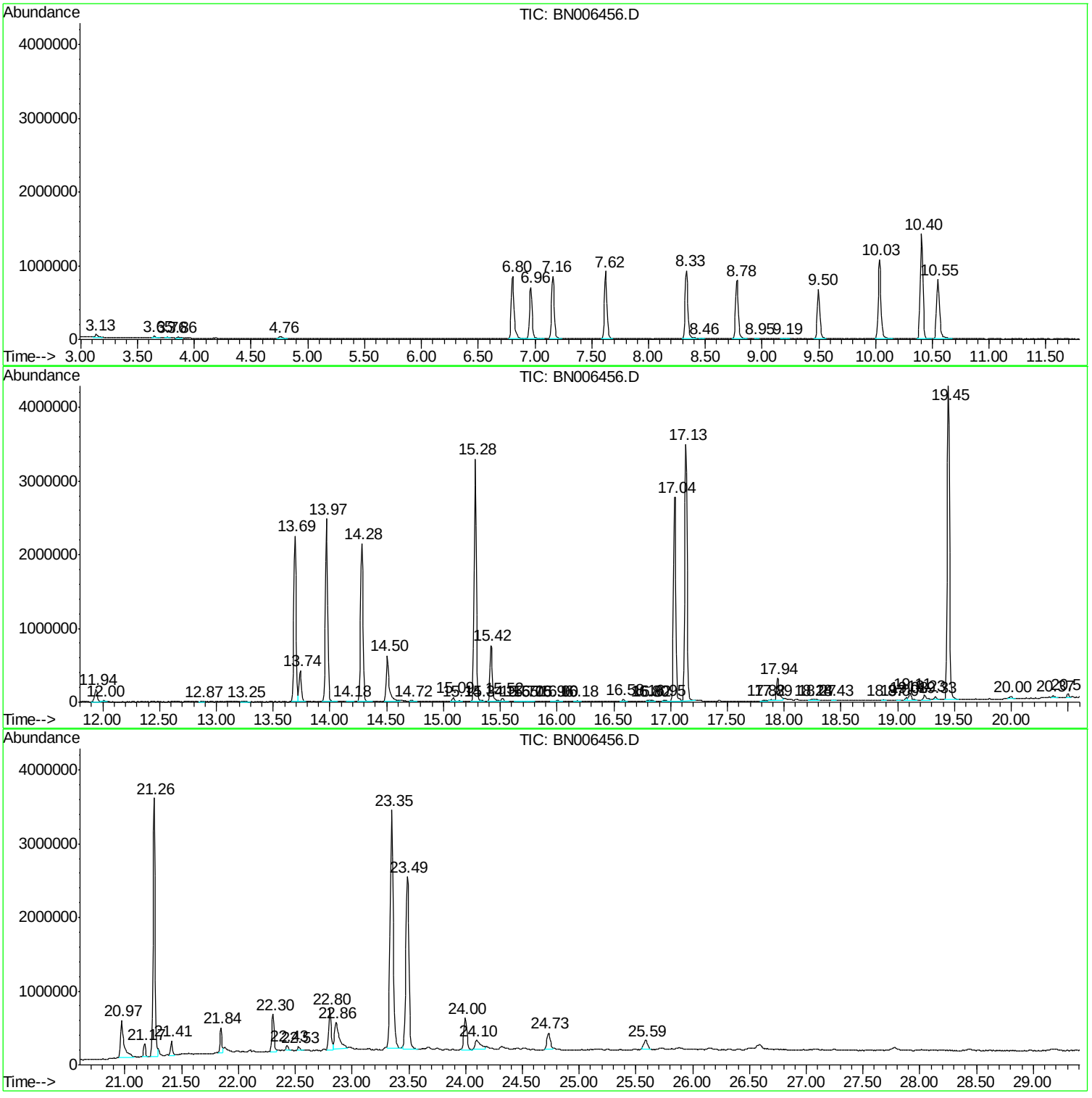
Operator : JU/SJ
Sample : K3360-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006456.D
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Operator : JU/SJ
Sample : K3360-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

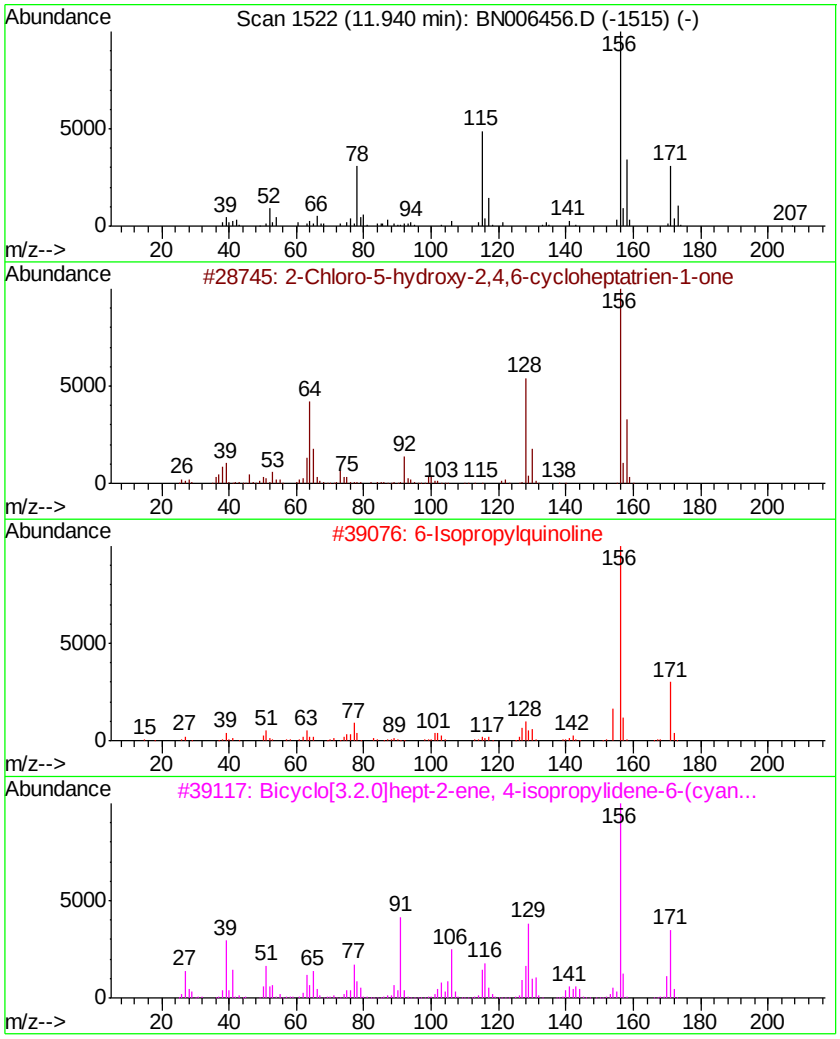
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

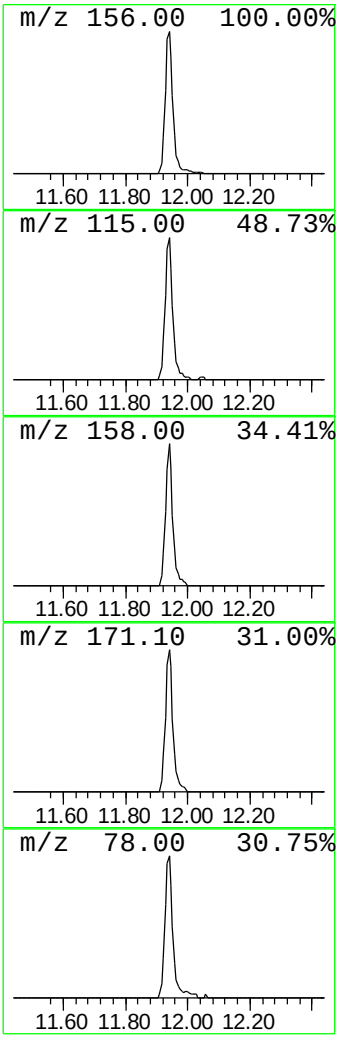
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.49 ng/ul	290405	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	32
5	l-Valine, N-allyloxycarbonyl-, d...	369	C21H39NO4	1000323-39-4	27





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : A41Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

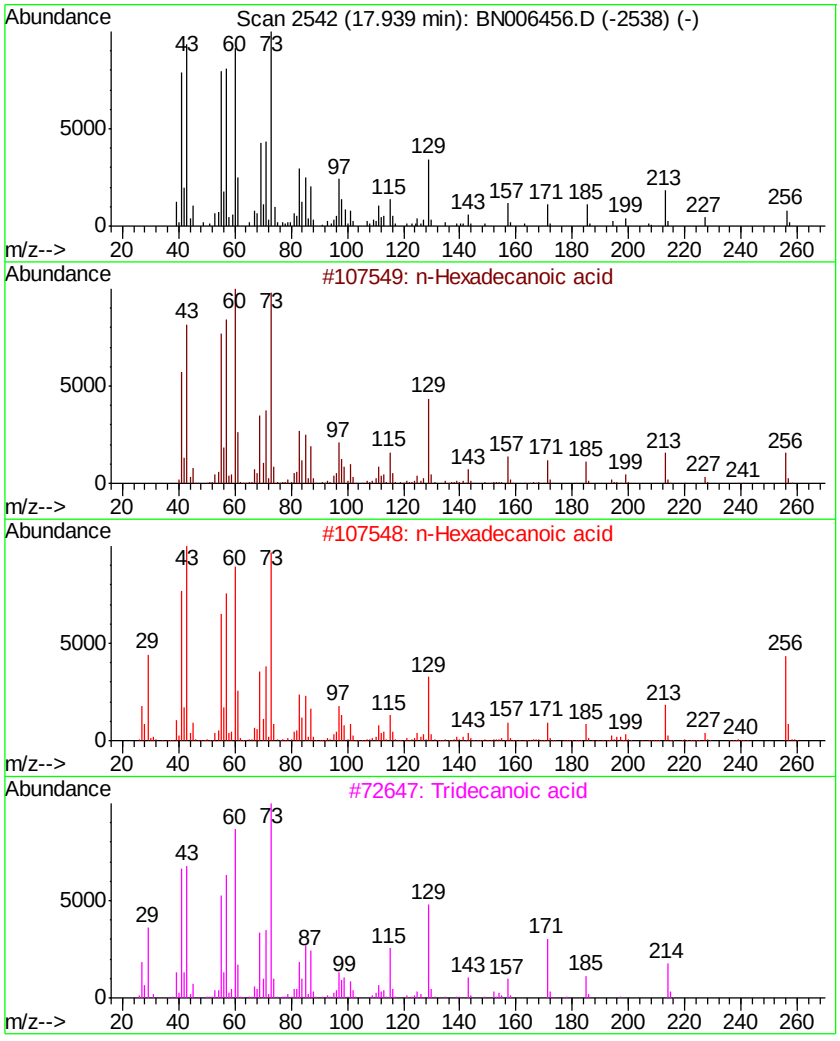
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

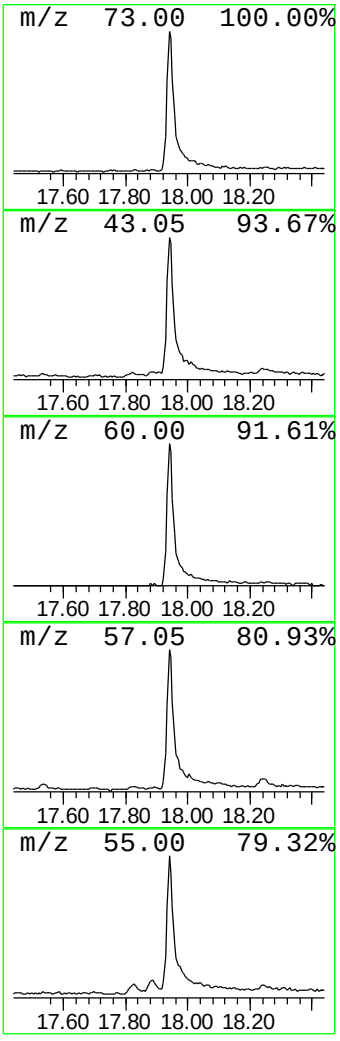
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.57 ng/ul	511001	Phenanthrene-d10	17.03

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	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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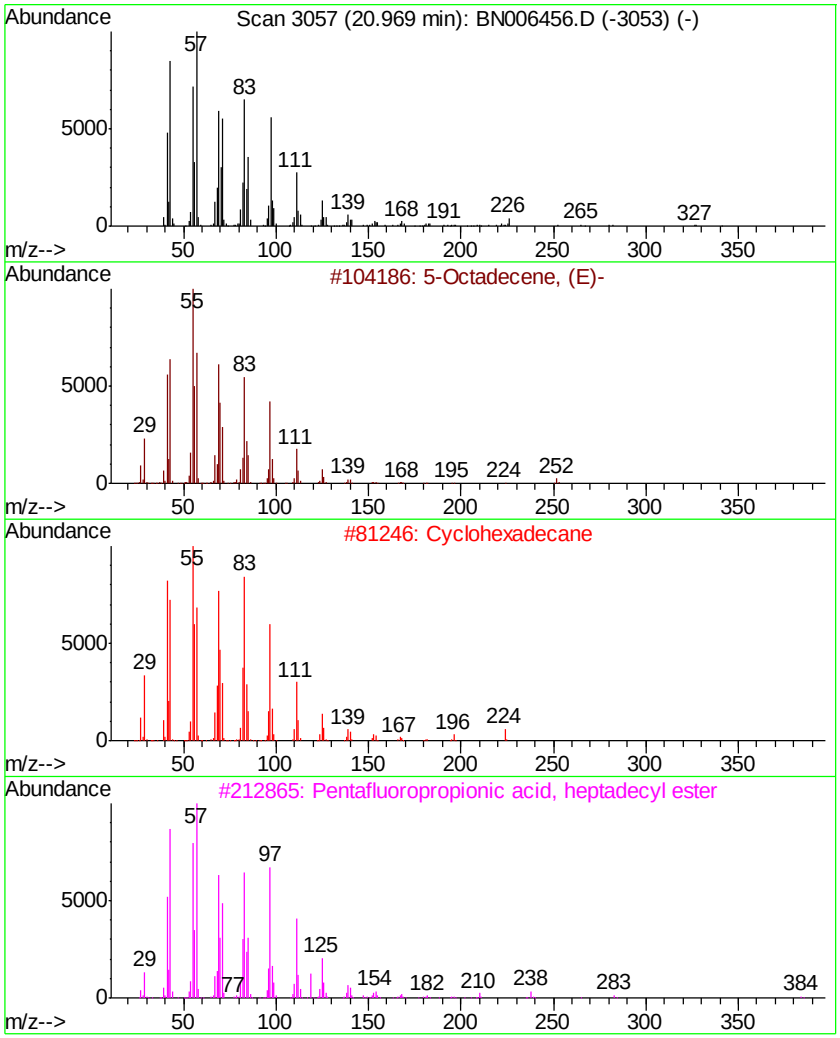
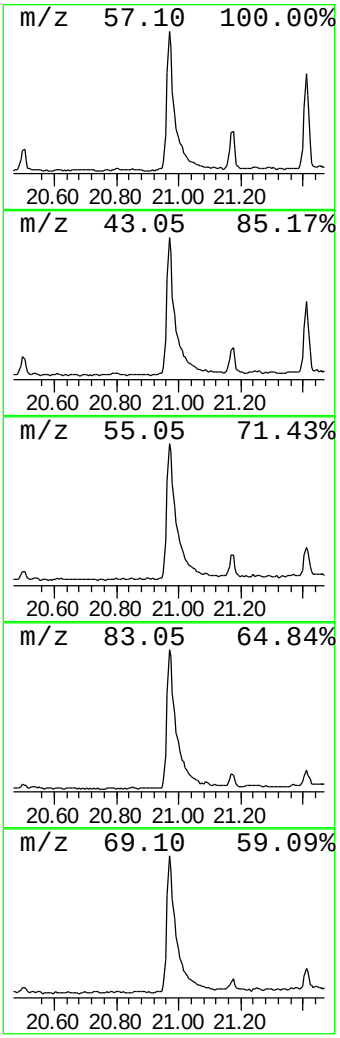
****
Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.77 ng/ul	1071960	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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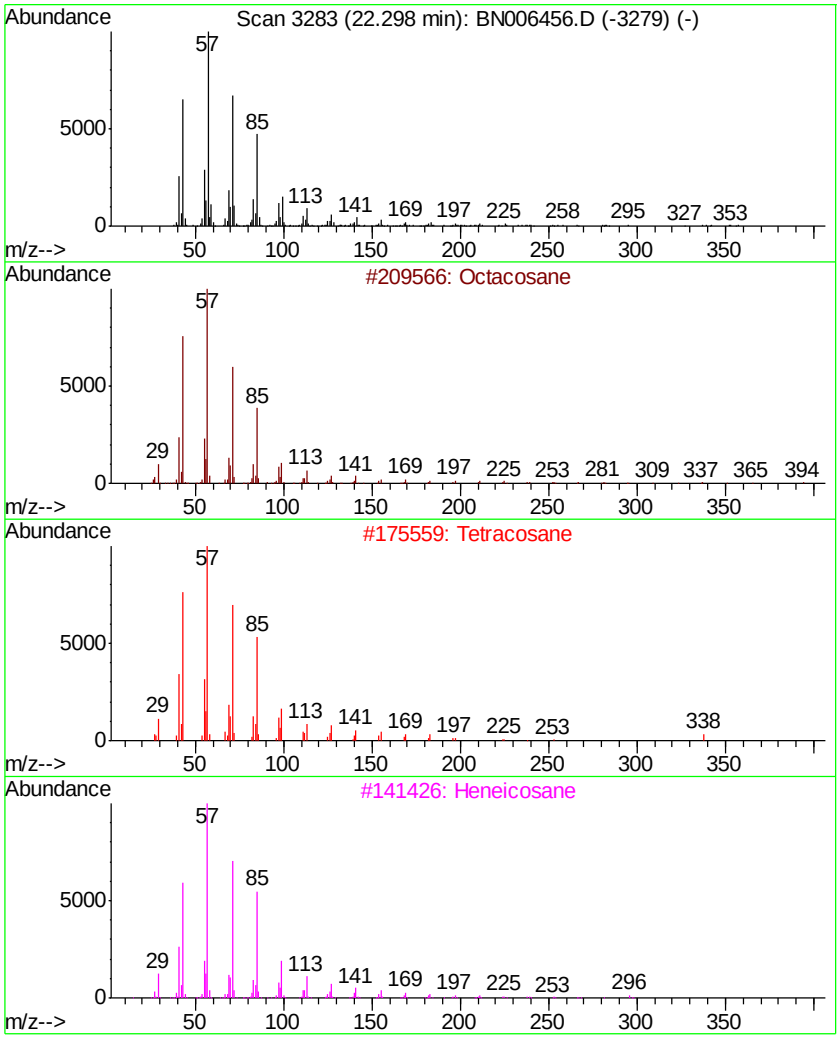
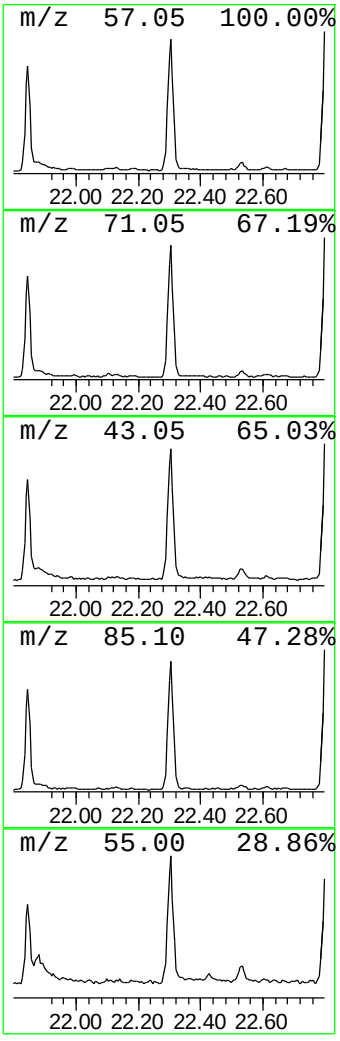
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.06 ng/ul	688620	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane	282	C20H42	000112-95-8	89
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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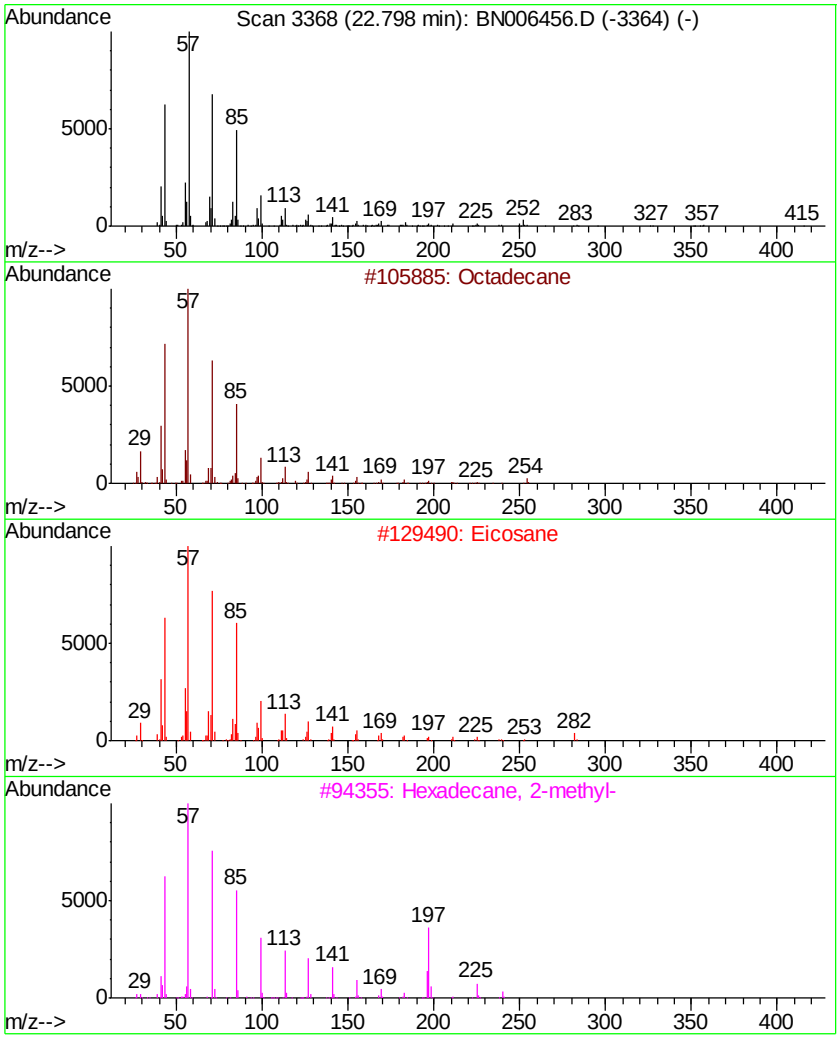
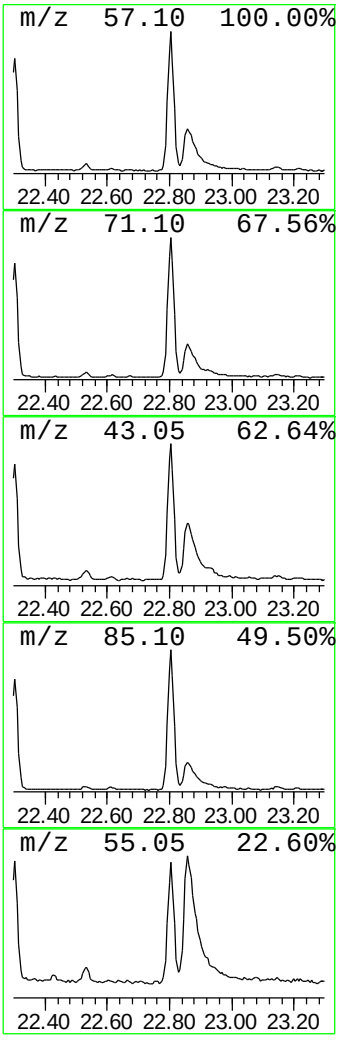
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.93 ng/ul	888535	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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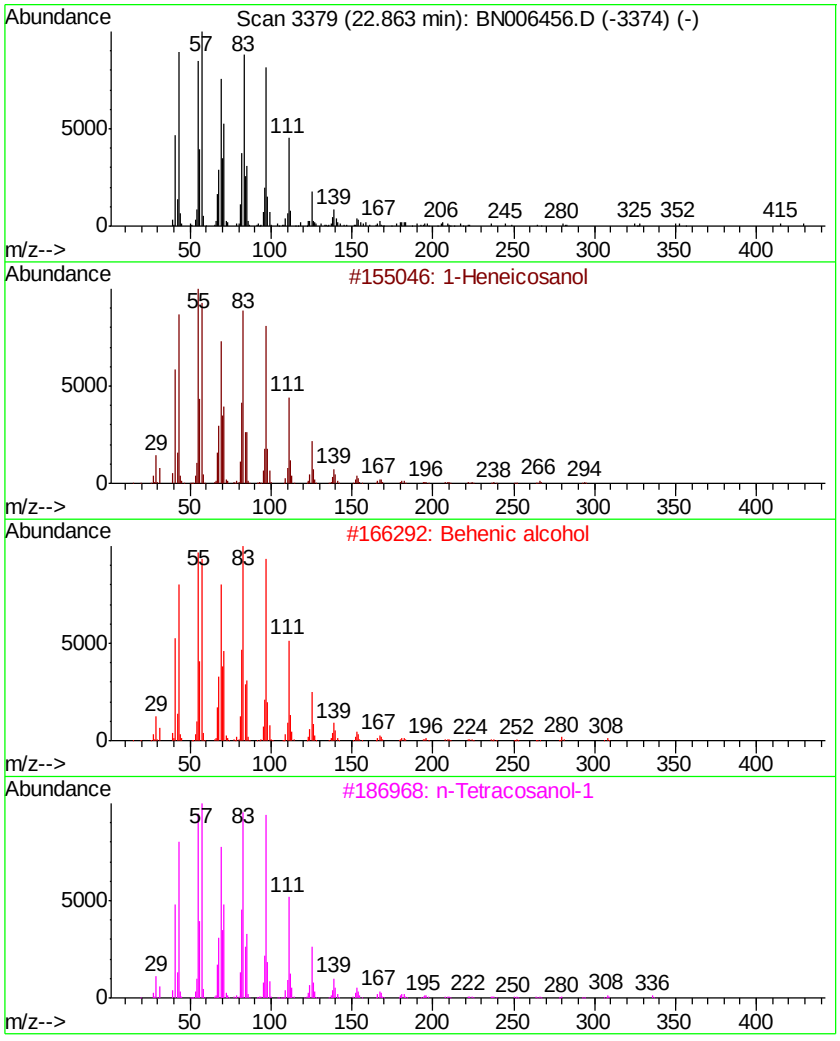
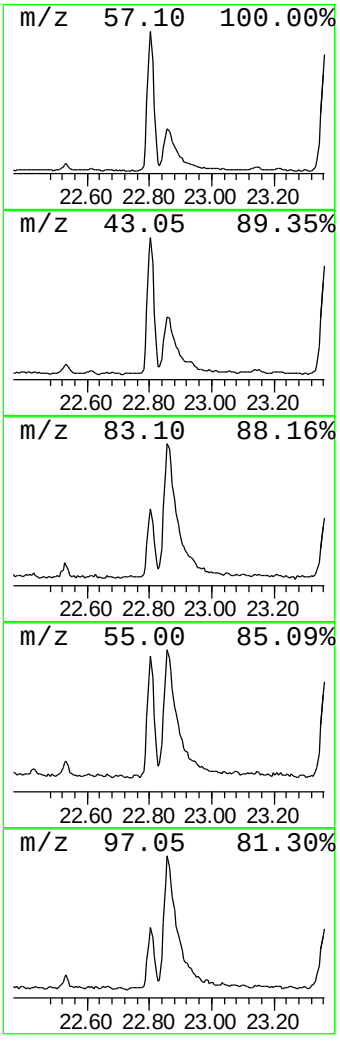
Peak Number 6 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	4.40 ng/ul	994134	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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Data File : BN006456.D
Acq On : 21 Jun 2019 08:04
Operator : JU/SJ
Sample : K3360-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

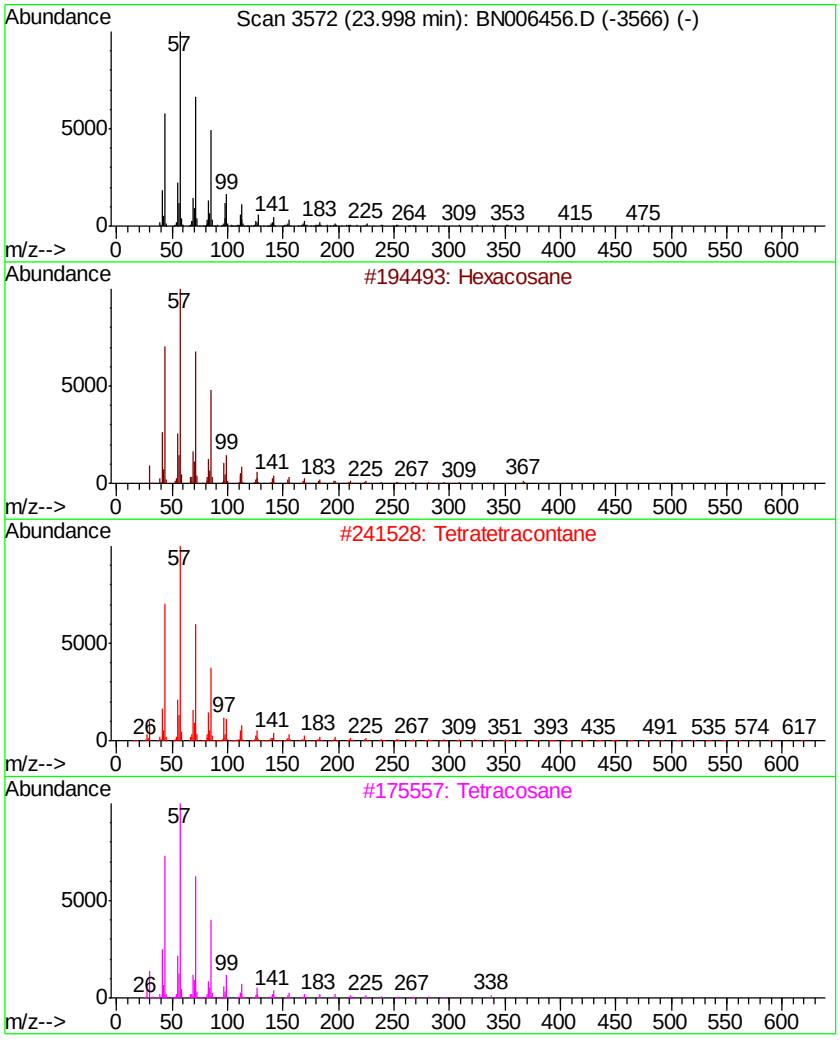
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

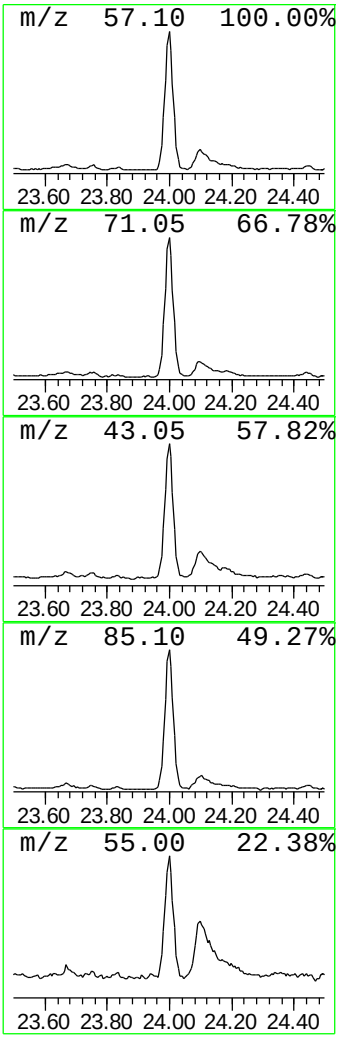
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	3.75 ng/ul	848283	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006456.D
Acq On : 21 Jun 2019 08:04
Operator : JU/SJ
Sample : K3360-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Y8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
unknown-01	11.94	2.5	ng/ul	290405	2	10.40	2334330	20.0
n-Hexadecanoic acid	17.94	2.6	ng/ul	511001	4	17.03	3971330	20.0
(DEL) Alkane: Cyc...	20.97	4.8	ng/ul	1071960	5	21.26	4494240	20.0
(DEL) Alkane: Str...	22.30	3.1	ng/ul	688620	5	21.26	4494240	20.0
(DEL) Alkane: Str...	22.80	3.9	ng/ul	888535	6	23.49	4521960	20.0
1-Heneicosanol	22.86	4.4	ng/ul	994134	6	23.49	4521960	20.0
(DEL) Alkane: Str...	24.00	3.8	ng/ul	848283	6	23.49	4521960	20.0