LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

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	38	rVB	71359	109674	1.23%	0.128%
2	3.858	145	148	155	rVB2	8296	12273	0.14%	0.014%
3	6.158	532	539	543	rBV5	6299	11378	0.13%	0.013%
4	6.311	557	565	574	rBV	578456	882965	9.88%	1.028%
5	6.611	611	616	622	rVB	42515	63468	0.71%	0.074%
6	6.805	642	649	666	rBV	1181736	2083161	23.30%	2.426%
7	6.964	670	676	686	rVV	1046818	1600857	17.90%	1.864%
8	7.058	686	692	702	rVB	1225227	1903554	21.29%	2.217%
9	7.158	702	709	722	rBV	1225682	1963695	21.96%	2.287%
10	7.622	781	788	798	rBV	789628	1284672	14.37%	1.496%
11	7.840	820	825	830	rBV	23873	33794	0.38%	0.039%
12	7.893	830	834	840	rVB	33676	48571	0.54%	0.057%
13	8.334	903	909	919	rBV	1509187	2408988	26.94%	2.806%
14	8.781	978	985	1007	rVB	1194300	1994987	22.31%	2.323%
15	9.193	1049	1055	1060	rVB	14677	21936	0.25%	0.026%
16	9.499	1100	1107	1127	rBV	973044	1677606	18.76%	1.954%
17	10.034	1191	1198	1221	rBV	1477277	2554360	28.57%	2.975%
18	10.405	1254	1261	1270	rBV	1268546	2073834	23.19%	2.415%
19	10.552	1279	1286	1311	rVB	1410752	2601227	29.09%	3.030%
20	12.010	1528	1534	1543	rBV2	15236	28183	0.32%	0.033%
21	13.593	1799	1803	1807	rVB3	22479	28893	0.32%	0.034%
22	13.693	1814	1820	1825	rBV	2917849	3986465	44.58%	4.643%
23	13.740	1825	1828	1835	rVB	440421	572260	6.40%	0.666%
24	13.969	1860	1867	1884	rBV	3315038	4873495	54.50%	5.676%
25	14.122	1887	1893	1896	rVV6	6711	11399	0.13%	0.013%
26	14.187	1900	1904	1908	rVB3	6883	9538	0.11%	0.011%
27	14.281	1913	1920	1929	rVV2	1977399	2944960	32.94%	3.430%
28	14.351	1929	1932	1938	rVB4	16550	23506	0.26%	0.027%
29	14.504	1952	1958	1980	rBV	916252	1658374	18.55%	1.931%
30	15.087	2052	2057	2062	rBV	94924	115743	1.29%	0.135%
31	15.140	2062	2066	2073	rVB3	13464	18354	0.21%	0.021%
32	15.281	2083	2090	2108	rBV	4253723	5997718	67.08%	6.985%
33	15.416	2108	2113	2126	rBV	1153640	1653378	18.49%	1.926%
34	15.522	2126	2131	2136	rVB	48393	71455	0.80%	0.083%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

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	15.763	2168	2172	2180	rBV4	25987	36898	0.41%	0.043%
36	16.004	2210	2213	2220	rVV3	10050	17896	0.20%	0.021%
37	16.181	2240	2243	2247	rVB3	8200	9292	0.10%	0.011%
38	16.828	2351	2353	2361	rVB4	9549	14824	0.17%	0.017%
39	17.034	2382	2388	2397	rBV2	2499261	3644666	40.76%	4.245%
40	17.134	2399	2405	2421	rVV2	4385959	6463730	72.29%	7.528%
41	17.939	2537	2542	2553	rBV	182654	330798	3.70%	0.385%
42	18.616	2654	2657	2662	rVB5	7413	10613	0.12%	0.012%
43	19.081	2731	2736	2741	rBV	45690	71418	0.80%	0.083%
44	19.233	2758	2762	2770	rBV3	53431	111680	1.25%	0.130%
45	19.328	2774	2778	2784	rVB	51084	77658	0.87%	0.090%
46	19.445	2792	2798	2806	rBV	5838593	7679537	85.89%	8.944%
47	19.992	2885	2891	2897	rBV3	170283	235250	2.63%	0.274%
48	20.139	2913	2916	2919	rBV5	10935	14384	0.16%	0.017%
49	20.363	2951	2954	2956	rBV4	12275	14875	0.17%	0.017%
50	20.422	2960	2964	2967	rBV3	38002	40224	0.45%	0.047%
51	20.498	2967	2977	2981	rBV3	69599	135704	1.52%	0.158%
52	20.733	3014	3017	3020	rVB3	15523	19407	0.22%	0.023%
53	20.769	3020	3023	3027	rBV6	14841	26694	0.30%	0.031%
54	20.810	3027	3030	3040	rVV9	67441	129748	1.45%	0.151%
55	20.975	3053	3058	3075	rBV	404495	930751	10.41%	1.084%
56	21.192	3092	3095	3099	rBV5	40446	56689	0.63%	0.066%
57	21.251	3100	3105	3117	rVB2	3383415	4239280	47.41%	4.937%
58	21.404	3127	3131	3135	rBV	169826	179004	2.00%	0.208%
59	21.839	3201	3205	3209	rVB	244467	283501	3.17%	0.330%
60	22.145	3253	3257	3260	rBV	55120	69529	0.78%	0.081%
61	22.292	3278	3282	3288	rBV	373552	479807	5.37%	0.559%
62	22.798	3363	3368	3373	rVB	398868	552746	6.18%	0.644%
63	23.339	3452	3460	3475	rBV	4621331	8941386	100.00%	10.414%
64	23.480	3477	3484	3498	rVB	2453119	4557078	50.97%	5.307%
65	23.986	3565	3570	3578	rVB	322054	559340	6.26%	0.651%
66	24.721	3689	3695	3702	rBV	190094	388401	4.34%	0.452%
67	25.574	3836	3840	3849	rVB2	98124	215313	2.41%	0.251%

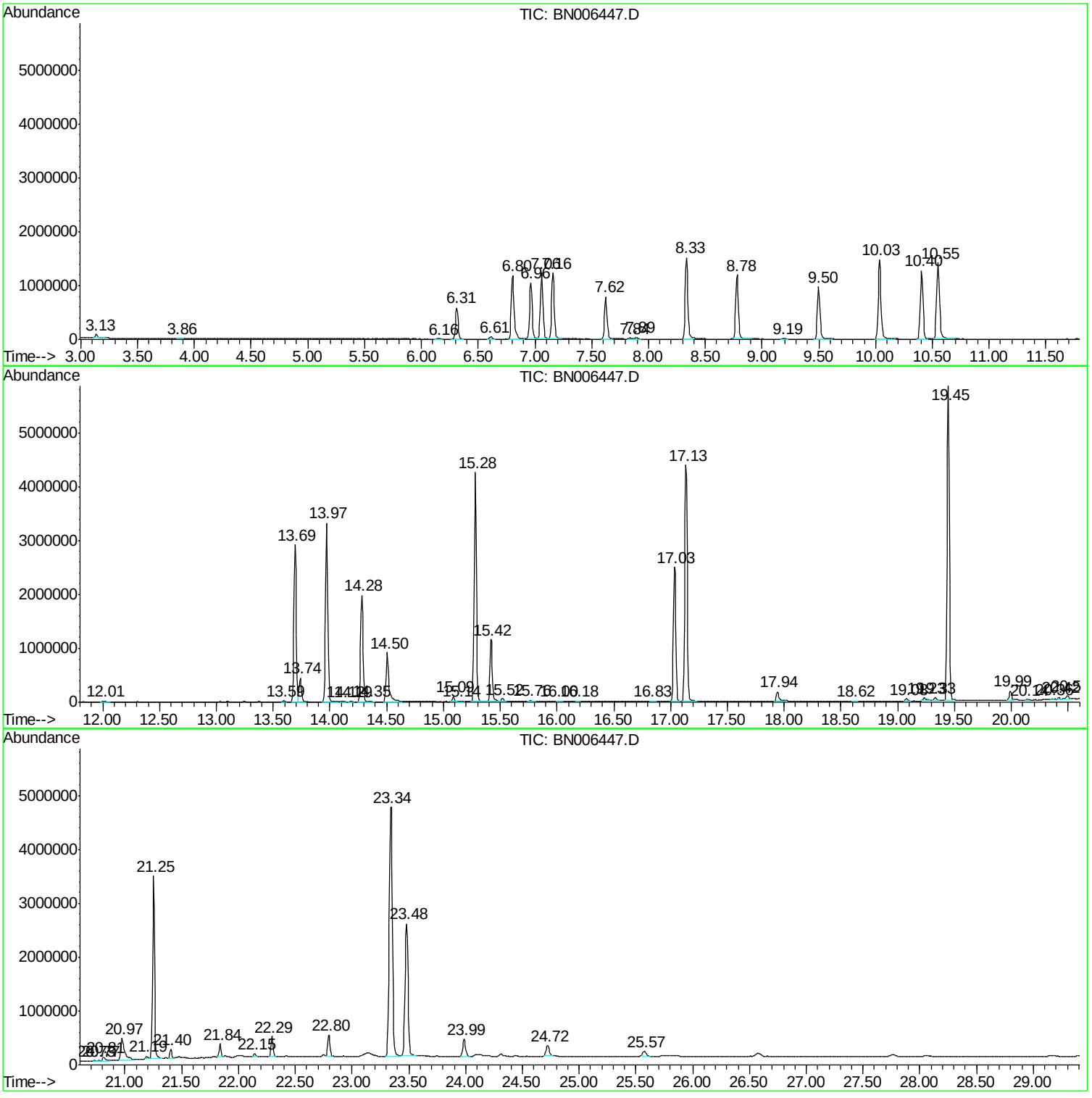
Sum of corrected areas: 85862842

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Z1

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

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

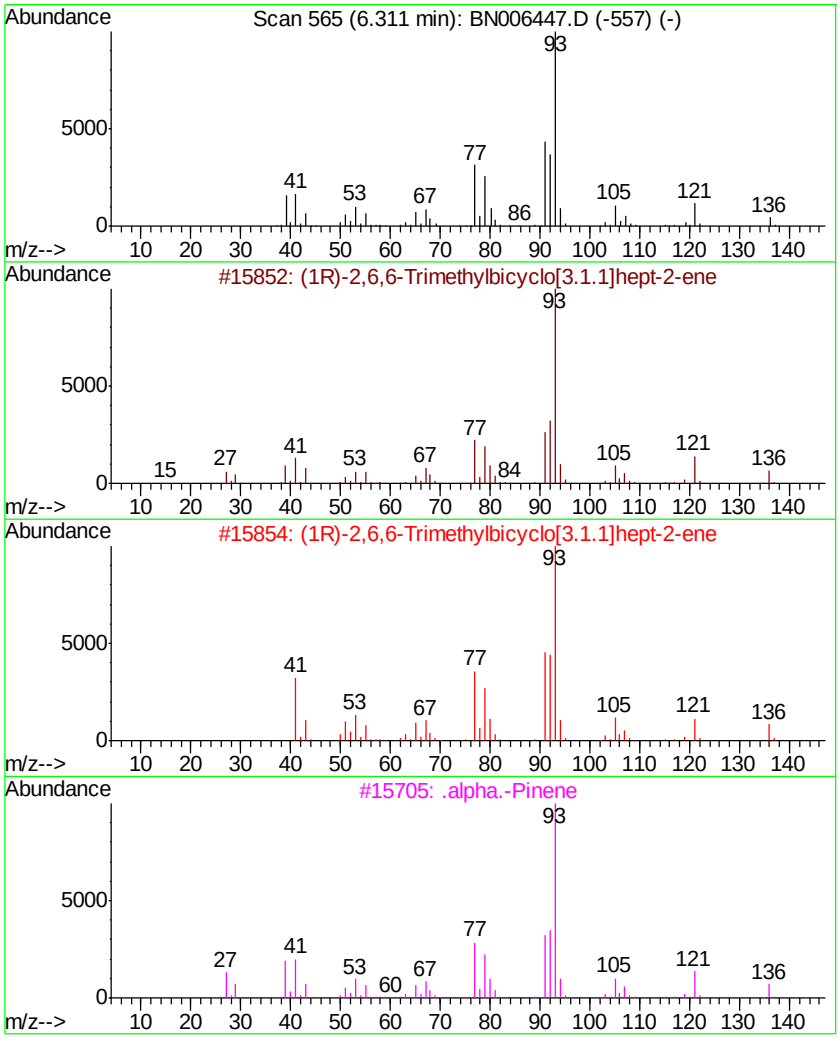
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

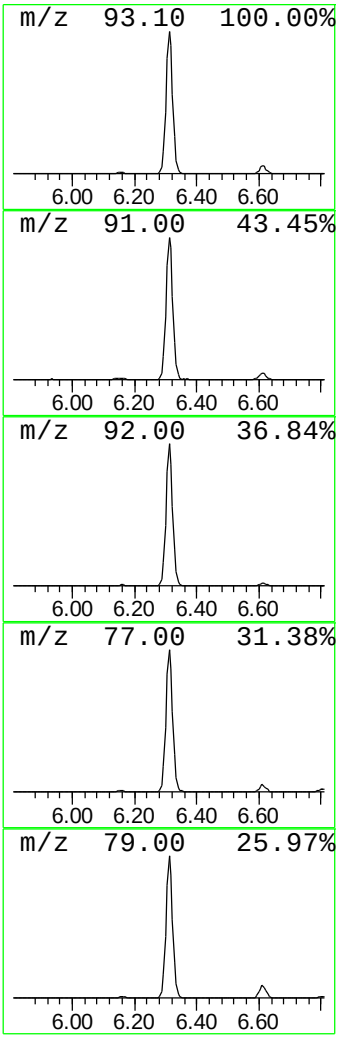
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	13.75 ng/ul	882965	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

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

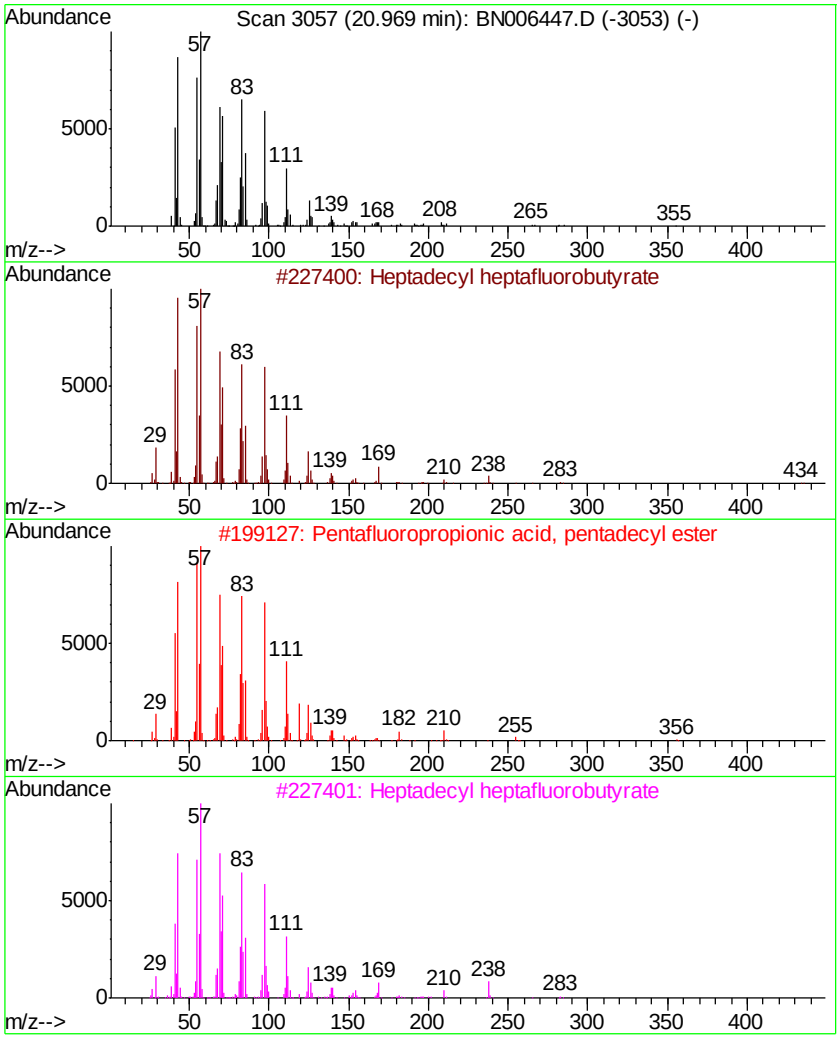
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

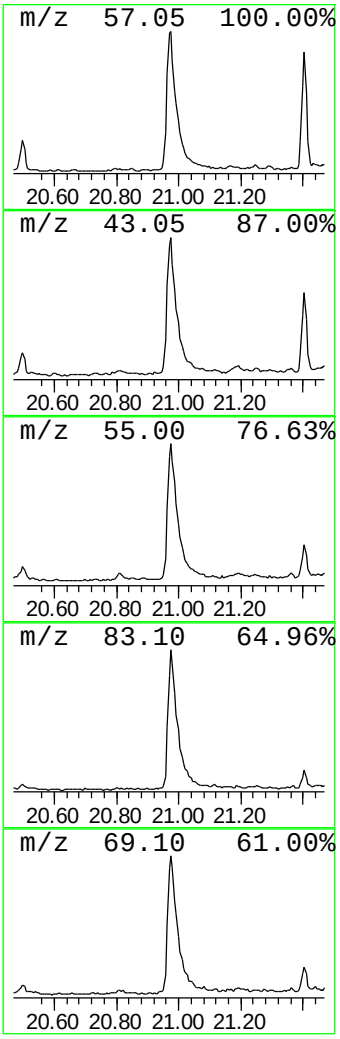
****

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.39 ng/ul	930751	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

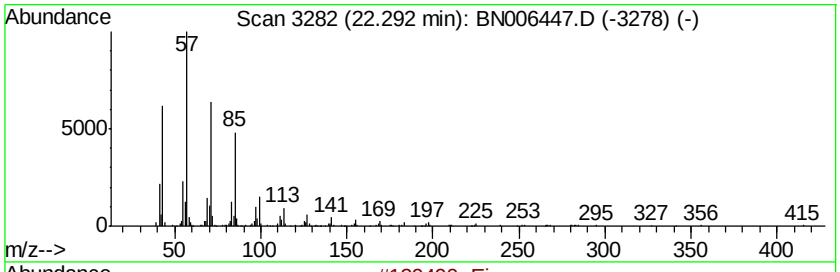
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

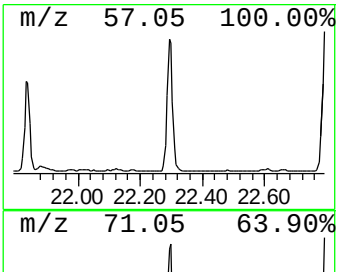
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.26 ng/ul	479807	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

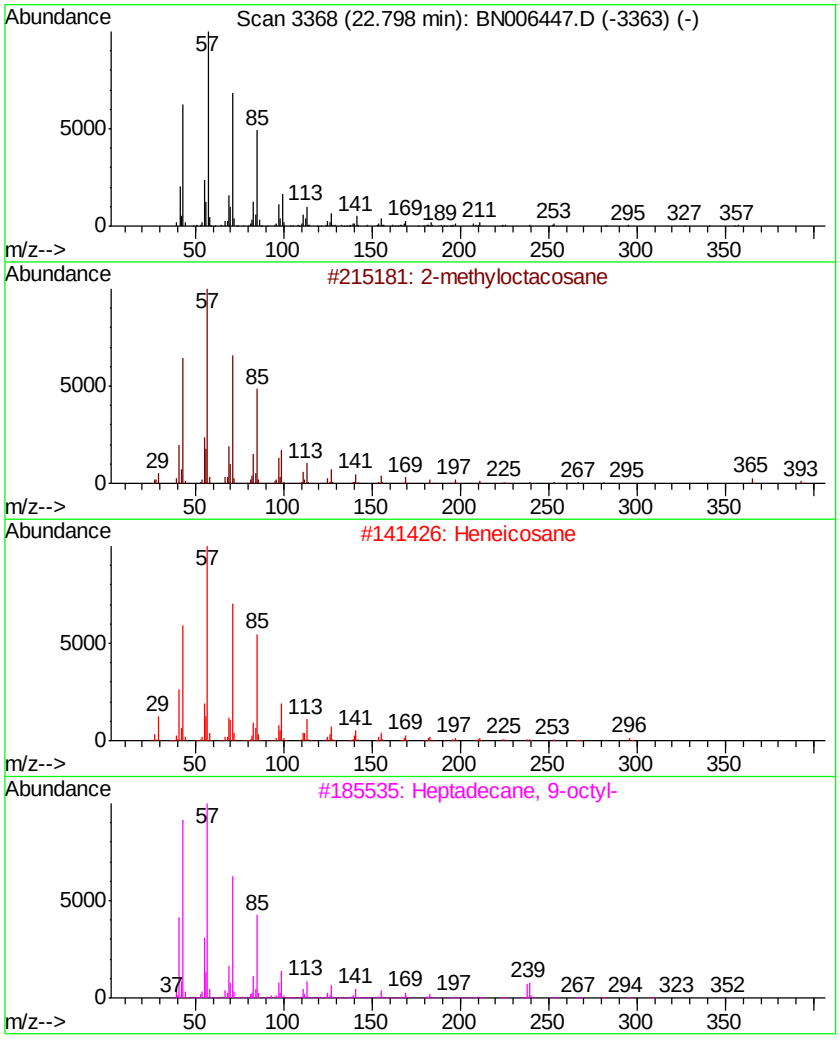
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

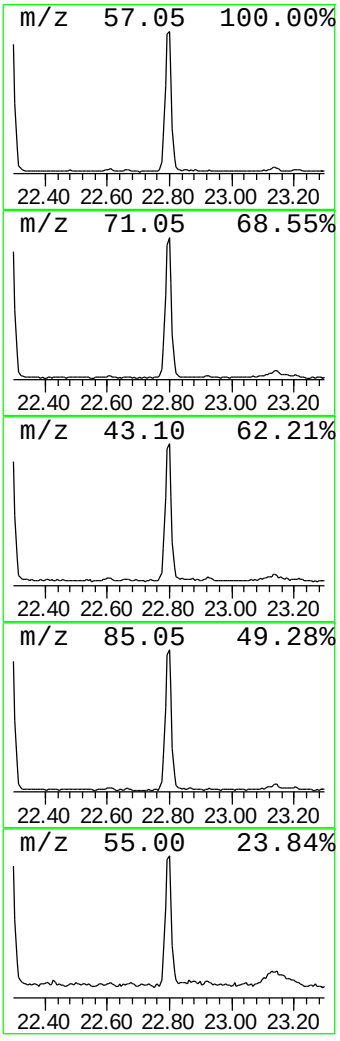
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.43 ng/ul	552746	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

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

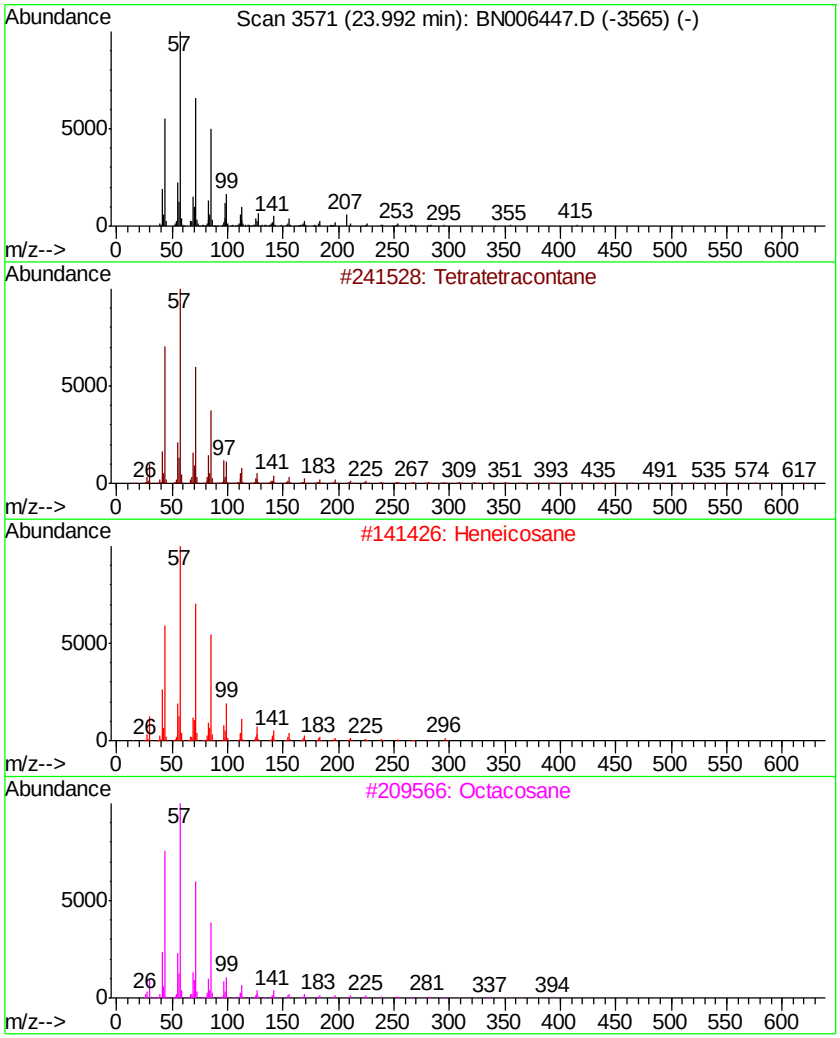
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

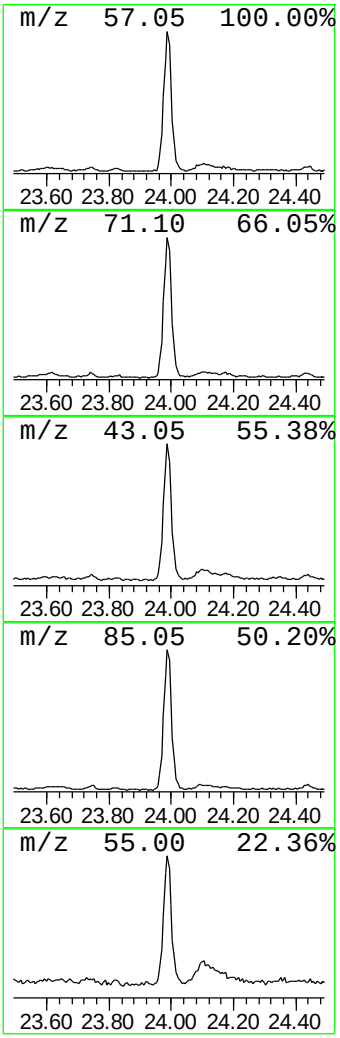
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.45 ng/ul	559340	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006447.D
Acq On : 21 Jun 2019 02:19
Operator : JU/SJ
Sample : K3360-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41Z1

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
(1R)-2,6,6-Trimet...	6.31	13.8	ng/ul	882965	1	7.62	1284670	20.0
Heptadecyl heptaf...	20.97	4.4	ng/ul	930751	5	21.25	4239280	20.0
(DEL) Alkane: Str...	22.29	2.3	ng/ul	479807	5	21.25	4239280	20.0
(DEL) Alkane: Str...	22.80	2.4	ng/ul	552746	6	23.48	4557080	20.0
(DEL) Alkane: Str...	23.99	2.5	ng/ul	559340	6	23.48	4557080	20.0