LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009872.D
Acq On : 24 Feb 2020 20:28
Operator : CG/JU
Sample : L1582-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK4

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-BN021220MA.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	3.034	5	8	18	rVB	31087	50065	1.53%	0.172%
2	3.634	105	110	113	rVB4	3582	6269	0.19%	0.022%
3	3.716	121	124	129	rVV4	6171	8416	0.26%	0.029%
4	3.763	130	132	137	rVB4	4038	4730	0.14%	0.016%
5	6.593	608	613	626	rBV	91584	178903	5.46%	0.616%
6	6.746	633	639	656	rBV	379978	616417	18.80%	2.121%
7	6.928	664	670	684	rBV	416257	709572	21.64%	2.441%
8	7.387	742	748	760	rBV	378019	615720	18.78%	2.118%
9	7.487	763	765	768	rVB3	4047	3982	0.12%	0.014%
10	8.104	863	870	884	rBV	307098	513927	15.68%	1.768%
11	8.534	934	943	954	rBV	545240	939942	28.67%	3.234%
12	8.975	1010	1018	1021	rVB2	6100	8638	0.26%	0.030%
13	9.240	1058	1063	1084	rBV	431800	758631	23.14%	2.610%
14	9.775	1148	1154	1179	rBV	437589	981651	29.94%	3.377%
15	10.134	1208	1215	1222	rBV	539767	864152	26.36%	2.973%
16	10.334	1244	1249	1253	rBV6	9298	19902	0.61%	0.068%
17	11.763	1487	1492	1495	rBV3	5660	7580	0.23%	0.026%
18	13.457	1774	1780	1785	rBV	1185224	1701573	51.90%	5.854%
19	13.504	1785	1788	1798	rVB2	50310	83906	2.56%	0.289%
20	13.716	1817	1824	1834	rBV	1280627	1885819	57.52%	6.488%
21	14.028	1871	1877	1889	rBV	773369	1104719	33.70%	3.801%
22	14.292	1916	1922	1936	rBV4	38857	102566	3.13%	0.353%
23	14.381	1936	1937	1944	rVB5	3578	6390	0.19%	0.022%
24	14.928	2027	2030	2033	rBV3	3465	3773	0.12%	0.013%
25	15.033	2042	2048	2060	rBV	1835748	2483490	75.75%	8.544%
26	15.192	2069	2075	2086	rBV	590906	948158	28.92%	3.262%
27	15.281	2087	2090	2095	rVV3	25496	42124	1.28%	0.145%
28	15.316	2095	2096	2103	rVB5	4328	7229	0.22%	0.025%
29	15.792	2174	2177	2179	rBV3	3249	4481	0.14%	0.015%
30	15.822	2179	2182	2188	rVB3	7005	8196	0.25%	0.028%
31	16.592	2305	2313	2316	rBV4	2578	5397	0.16%	0.019%
32	16.786	2340	2346	2357	rBV	938643	1280503	39.06%	4.405%
33	16.886	2357	2363	2375	rVV2	1962532	2829320	86.30%	9.734%
34	17.716	2500	2504	2511	rBV2	35270	61288	1.87%	0.211%

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Instrument : BNA_N
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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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	18.257	2592	2596	2599	rVB4	2027	3380	0.10%	0.012%
36	18.827	2689	2693	2698	rBV2	17649	23125	0.71%	0.080%
37	18.933	2709	2711	2713	rVB3	3402	3444	0.11%	0.012%
38	19.016	2722	2725	2729	rVV4	13460	18315	0.56%	0.063%
39	19.080	2733	2736	2742	rVB2	15820	20885	0.64%	0.072%
40	19.192	2749	2755	2769	rBV	2419069	3278522	100.00%	11.280%
41	19.716	2841	2844	2845	rBV2	3444	3863	0.12%	0.013%
42	19.751	2848	2850	2854	rVB4	8847	8867	0.27%	0.031%
43	20.745	3015	3019	3026	rBV2	220909	309215	9.43%	1.064%
44	20.810	3026	3030	3036	rVB	49962	73592	2.24%	0.253%
45	21.010	3058	3064	3071	rBV	990171	1353900	41.30%	4.658%
46	21.198	3093	3096	3099	rVB3	30403	32932	1.00%	0.113%
47	21.610	3164	3166	3173	rVB3	42248	52399	1.60%	0.180%
48	22.045	3237	3240	3243	rBV	64426	65828	2.01%	0.226%
49	22.510	3316	3319	3323	rBV	89316	109096	3.33%	0.375%
50	22.974	3391	3398	3404	rBV	1896619	3147566	96.01%	10.829%
51	23.027	3404	3407	3413	rVV	121043	185124	5.65%	0.637%
52	23.104	3414	3420	3428	rVB2	760148	1363497	41.59%	4.691%
53	23.609	3502	3506	3512	rVB2	100723	165036	5.03%	0.568%

Sum of corrected areas: 29066015

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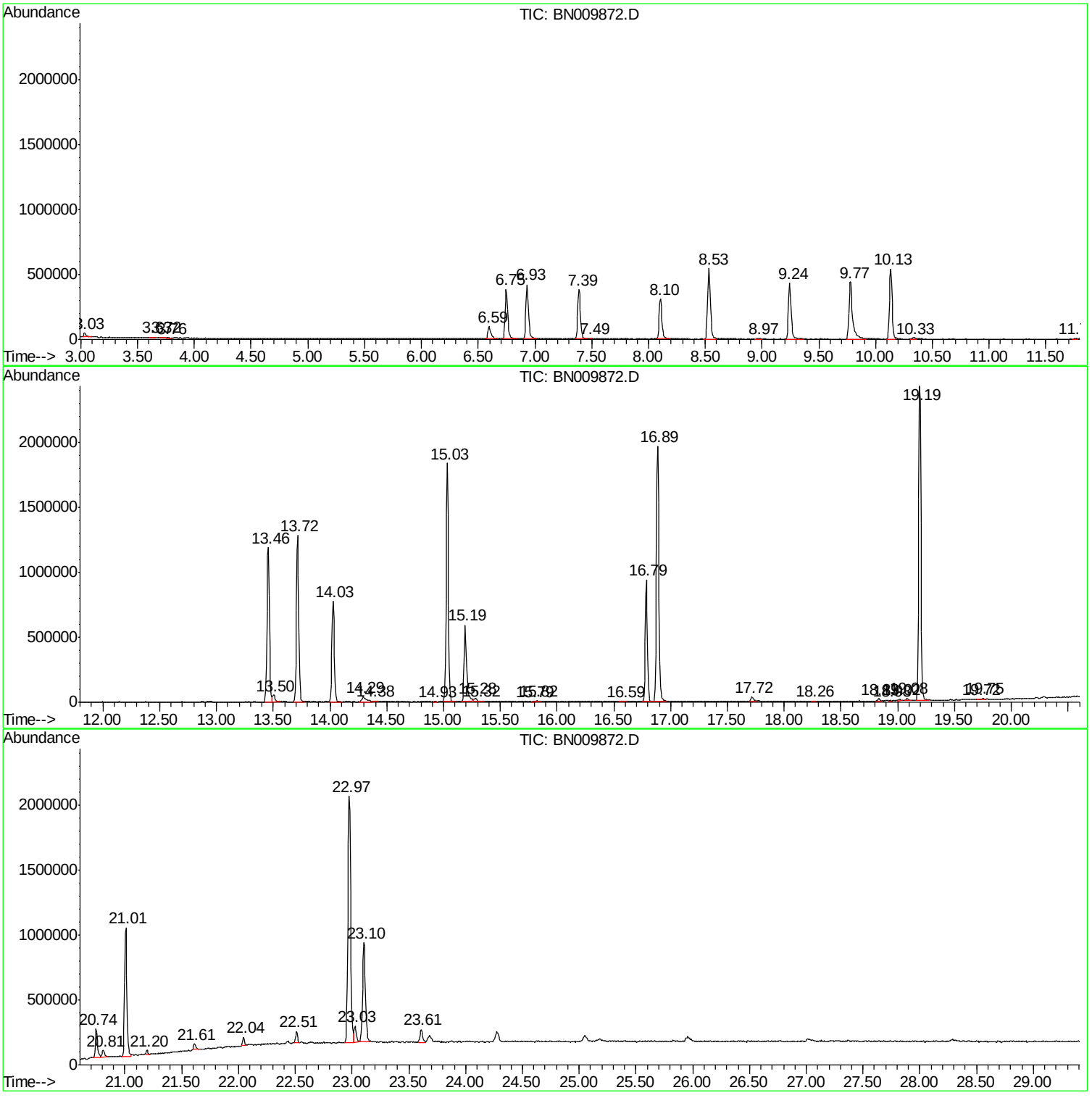
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : DBDK4

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Quant Title : SVOA CALIBRATION

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

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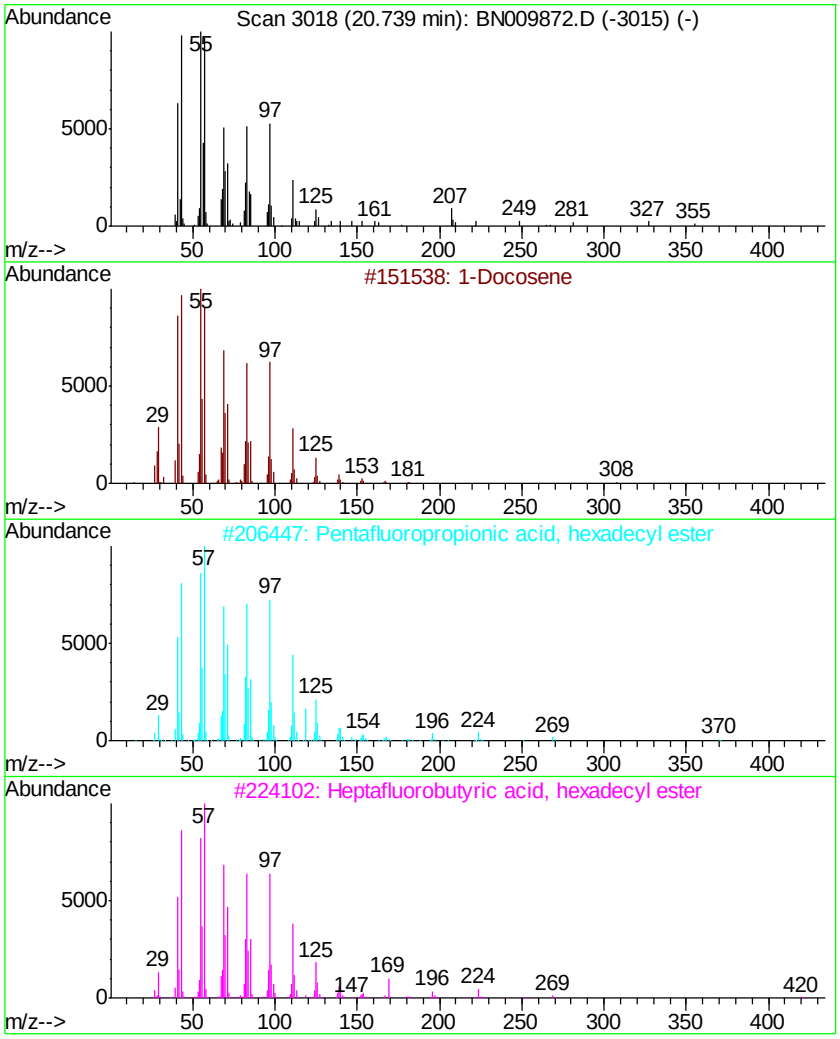
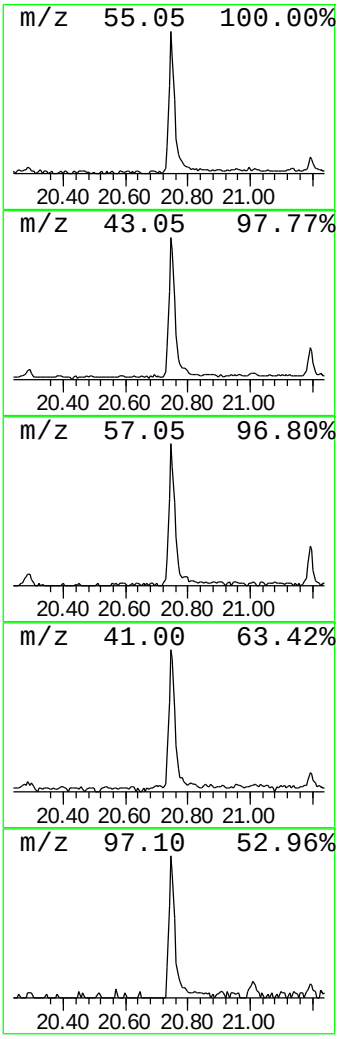
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	4.57 ng/ul	309215	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83





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Sample : L1582-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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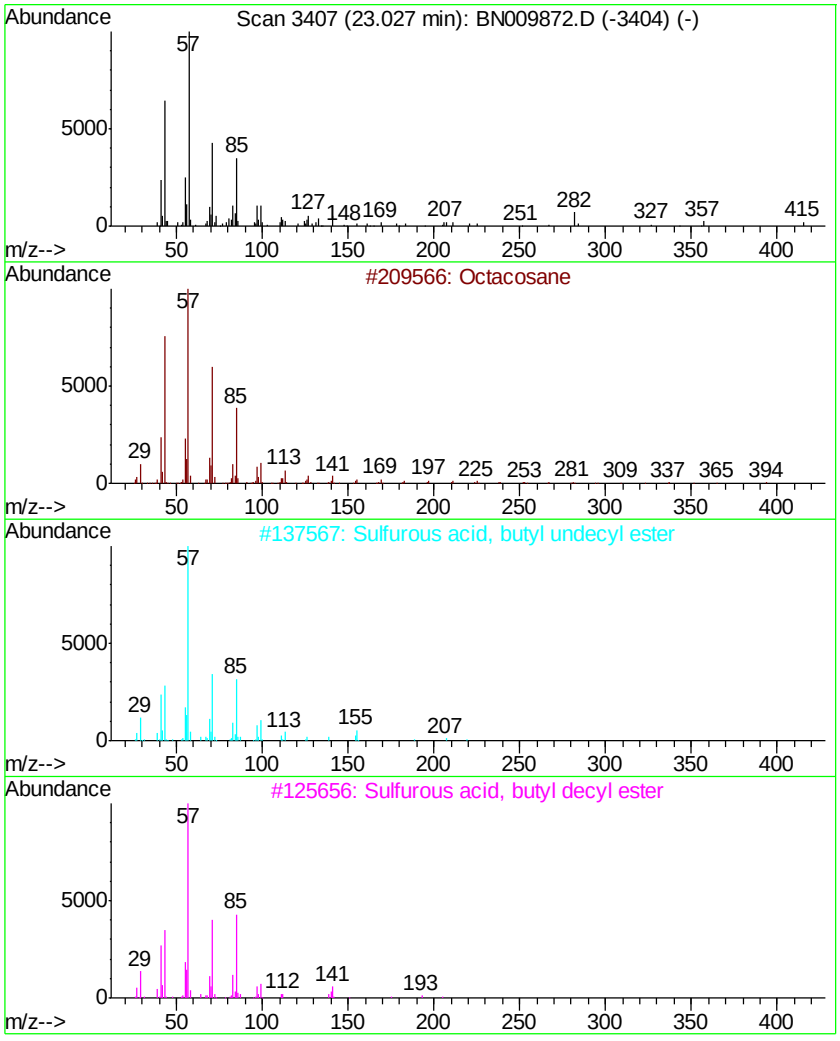
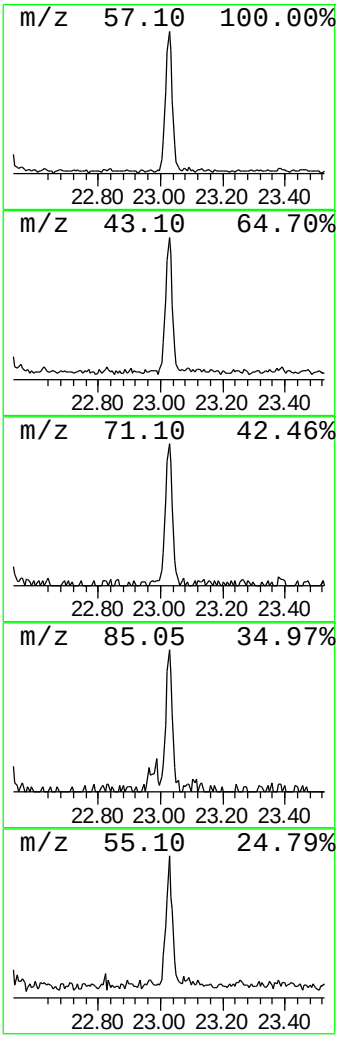
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.72 ng/ul	185124	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
4	Hexacosane	366	C26H54	000630-01-3	68
5	Hexacosane	366	C26H54	000630-01-3	64





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

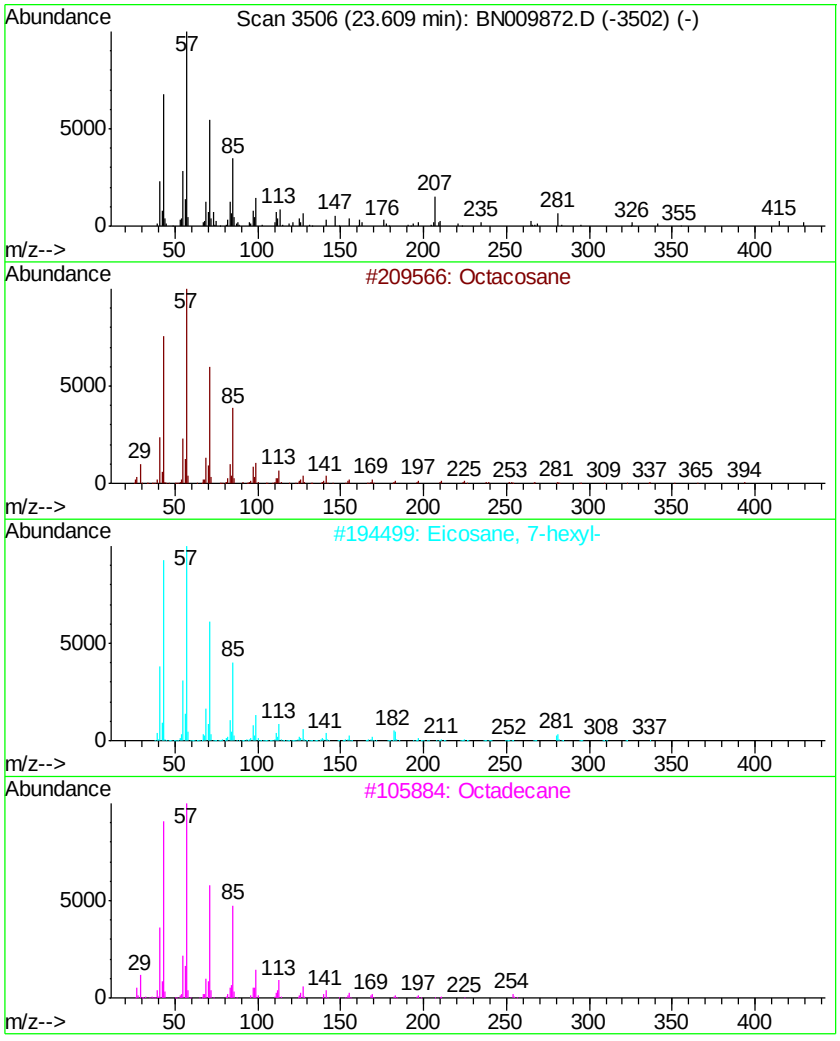
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

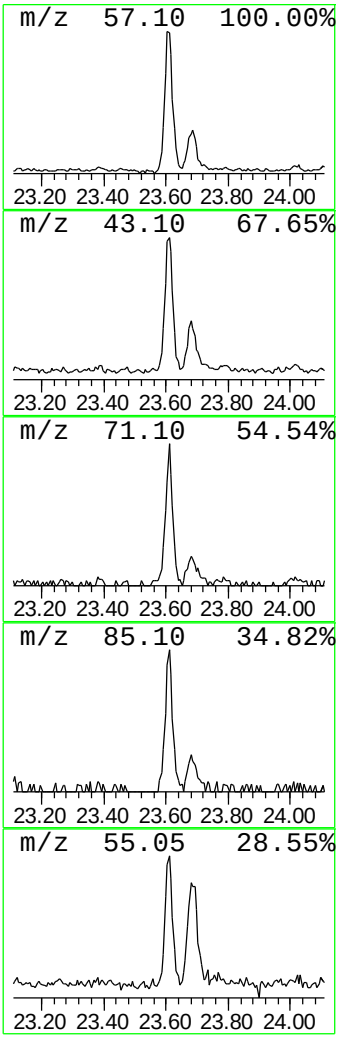
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	2.42 ng/ul	165036	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	76
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
3	Octadecane	254	C18H38	000593-45-3	68
4	Docosane	310	C22H46	000629-97-0	68
5	Tetracosane	338	C24H50	000646-31-1	68





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
(DEL) Alkane: Str...	20.74	4.6	ng/ul	309215	5	21.01	1353900	20.0
(DEL) Alkane: Str...	23.03	2.7	ng/ul	185124	6	23.10	1363500	20.0
(DEL) Alkane: Str...	23.61	2.4	ng/ul	165036	6	23.10	1363500	20.0