LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023613.D
Acq On : 05 Nov 2019 18:23
Operator : JU
Sample : K5567-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

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_M\METHODS\SOM-EPA-BM102319MA.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	6.781	641	645	654	rVB	420680	721801	7.08%	0.726%
2	6.940	667	672	685	rVB	1081464	1811154	17.76%	1.821%
3	7.134	700	705	717	rVB	1307619	2117427	20.77%	2.129%
4	7.598	778	784	793	rVB	1588580	2490872	24.43%	2.504%
5	8.310	899	905	915	rVB	1034760	1698978	16.66%	1.708%
6	8.745	973	979	992	rVB	1460970	2464339	24.17%	2.477%
7	9.210	1053	1058	1064	rVB	139983	210596	2.07%	0.212%
8	9.469	1095	1102	1111	rBV	1103698	1829646	17.94%	1.839%
9	10.004	1186	1193	1206	rBV	1703190	2829313	27.75%	2.844%
10	10.375	1249	1256	1264	rVB	2238338	3616589	35.47%	3.636%
11	10.522	1275	1281	1289	rVB2	98477	183237	1.80%	0.184%
12	11.192	1390	1395	1400	rBV5	31253	55825	0.55%	0.056%
13	11.704	1477	1482	1490	rVB	108644	172184	1.69%	0.173%
14	11.928	1517	1520	1523	rVV4	8451	11647	0.11%	0.012%
15	11.975	1523	1528	1537	rVB2	32737	62483	0.61%	0.063%
16	12.604	1632	1635	1642	rVB8	10053	16829	0.17%	0.017%
17	12.869	1675	1680	1685	rVB7	11207	19009	0.19%	0.019%
18	13.239	1740	1743	1748	rVV4	8473	12211	0.12%	0.012%
19	13.669	1809	1816	1821	rBV	3149185	4458104	43.72%	4.482%
20	13.716	1821	1824	1835	rVV	187358	284651	2.79%	0.286%
21	13.798	1835	1838	1842	rVB4	22439	29333	0.29%	0.029%
22	13.939	1855	1862	1876	rBV	3847994	5640848	55.32%	5.671%
23	14.175	1898	1902	1906	rVB4	9589	12976	0.13%	0.013%
24	14.251	1908	1915	1928	rVV	3202043	4860277	47.67%	4.886%
25	14.469	1946	1952	1966	rBV2	178939	423841	4.16%	0.426%
26	14.686	1985	1989	1995	rVB7	26064	44196	0.43%	0.044%
27	15.074	2049	2055	2062	rBV2	91421	142989	1.40%	0.144%
28	15.133	2062	2065	2070	rVB4	9362	14313	0.14%	0.014%
29	15.245	2076	2084	2098	rBV	4805861	6941508	68.08%	6.978%
30	15.374	2100	2106	2121	rVV	1109875	1587799	15.57%	1.596%
31	15.486	2121	2125	2131	rVV3	58677	94237	0.92%	0.095%
32	15.739	2165	2168	2174	rBV6	10751	14122	0.14%	0.014%
33	15.998	2207	2212	2214	rBV4	10568	13306	0.13%	0.013%
34	16.033	2214	2218	2223	rVB4	19234	29396	0.29%	0.030%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

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_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

35	16.680	2323	2328	2332	rBV4	11023	17803	0.17%	0.018%
36	16.786	2342	2346	2350	rBV3	20667	28736	0.28%	0.029%
37	16.921	2362	2369	2372	rBV6	8857	15655	0.15%	0.016%
38	16.998	2375	2382	2391	rBV	4112014	5644654	55.36%	5.675%
39	17.098	2392	2399	2409	rVV	5406785	7845224	76.95%	7.887%
40	17.204	2415	2417	2422	rVB6	11394	13573	0.13%	0.014%
41	17.304	2429	2434	2440	rBV	41443	52693	0.52%	0.053%
42	17.527	2468	2472	2474	rBV4	11317	14984	0.15%	0.015%
43	17.692	2497	2500	2506	rVB8	8312	12703	0.12%	0.013%
44	17.780	2511	2515	2517	rBV5	6262	10744	0.11%	0.011%
45	17.915	2533	2538	2544	rBV2	148614	226849	2.22%	0.228%
46	17.980	2546	2549	2554	rVB	36017	49735	0.49%	0.050%
47	18.221	2585	2590	2594	rBV8	20460	30631	0.30%	0.031%
48	18.857	2694	2698	2703	rBV3	34352	52665	0.52%	0.053%
49	19.033	2723	2728	2730	rBV	57988	80283	0.79%	0.081%
50	19.204	2753	2757	2763	rBV6	76032	116947	1.15%	0.118%
51	19.280	2767	2770	2778	rVB	55045	87948	0.86%	0.088%
52	19.398	2784	2790	2795	rBV	6964093	9323096	91.44%	9.373%
53	19.439	2795	2797	2801	rVV2	76402	77274	0.76%	0.078%
54	19.474	2801	2803	2808	rVB4	35548	39506	0.39%	0.040%
55	19.639	2828	2831	2834	rBV2	26552	35370	0.35%	0.036%
56	19.980	2885	2889	2893	rVB2	127292	144109	1.41%	0.145%
57	20.474	2970	2973	2977	rVB	321498	312562	3.07%	0.314%
58	20.939	3048	3052	3057	rBV	931333	1159631	11.37%	1.166%
59	20.986	3057	3060	3066	rVB	233247	309424	3.03%	0.311%
60	21.192	3090	3095	3103	rBV	5176457	6643201	65.16%	6.679%
61	21.374	3123	3126	3130	rBV	739812	783811	7.69%	0.788%
62	21.803	3195	3199	3205	rBV	793871	980634	9.62%	0.986%
63	22.256	3272	3276	3281	rBV	736942	979526	9.61%	0.985%
64	22.756	3357	3361	3366	rVB	656016	936100	9.18%	0.941%
65	23.245	3437	3444	3450	rBV	5756228	10195866	100.00%	10.250%
66	23.309	3451	3455	3460	rVV	662463	1091940	10.71%	1.098%
67	23.380	3461	3467	3478	rVB	3942703	7241291	71.02%	7.280%

Sum of corrected areas: 99471204

LSC Report - Integrated Chromatogram

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Acq On : 05 Nov 2019 18:23
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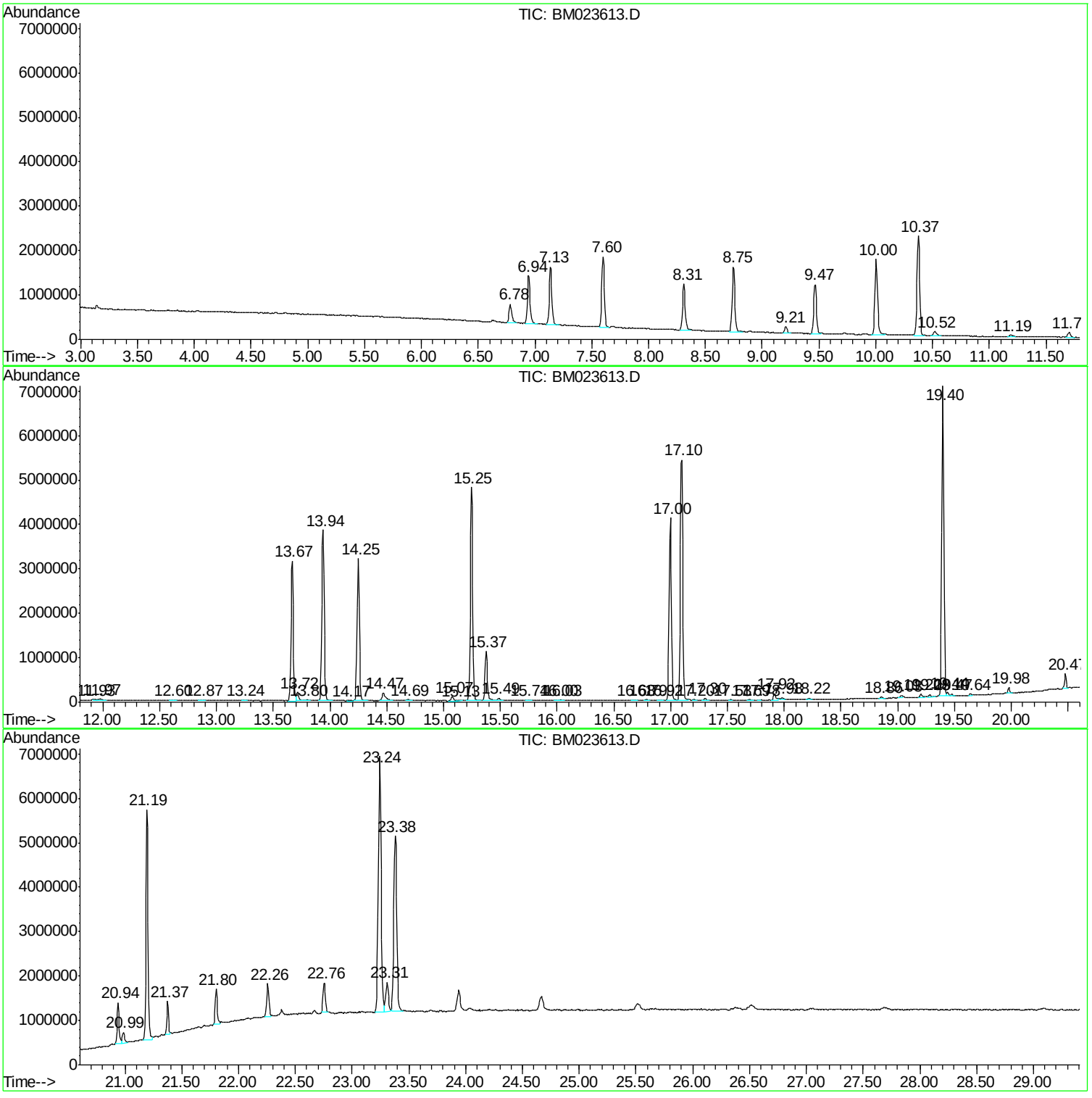
Sample : K5567-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

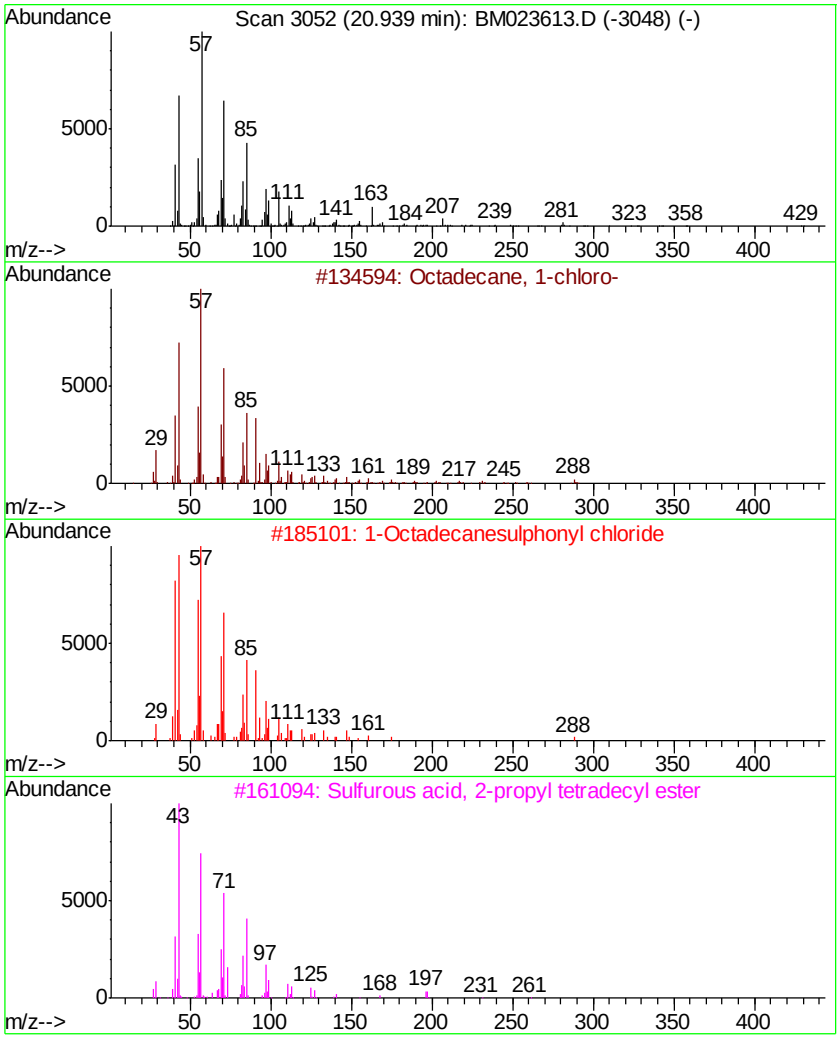
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

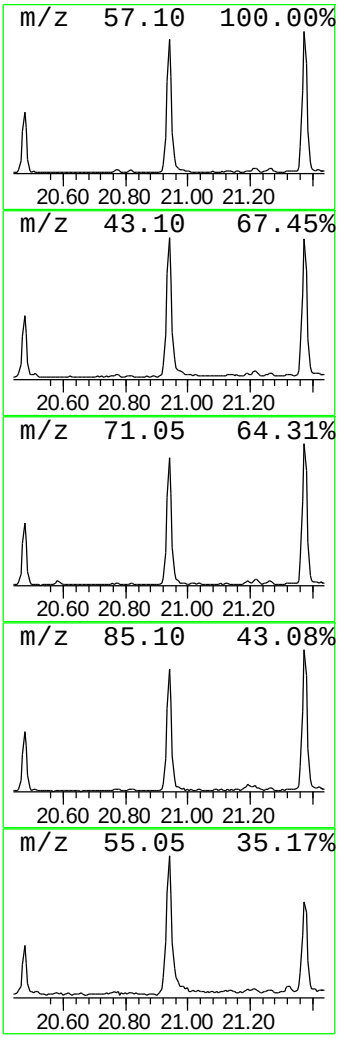
****

Peak Number 1 Octadecane, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.49 ng/ul	1159630	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	74





Library Search Compound Report

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Data File : BM023613.D
Acq On : 05 Nov 2019 18:23
Operator : JU
Sample : K5567-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

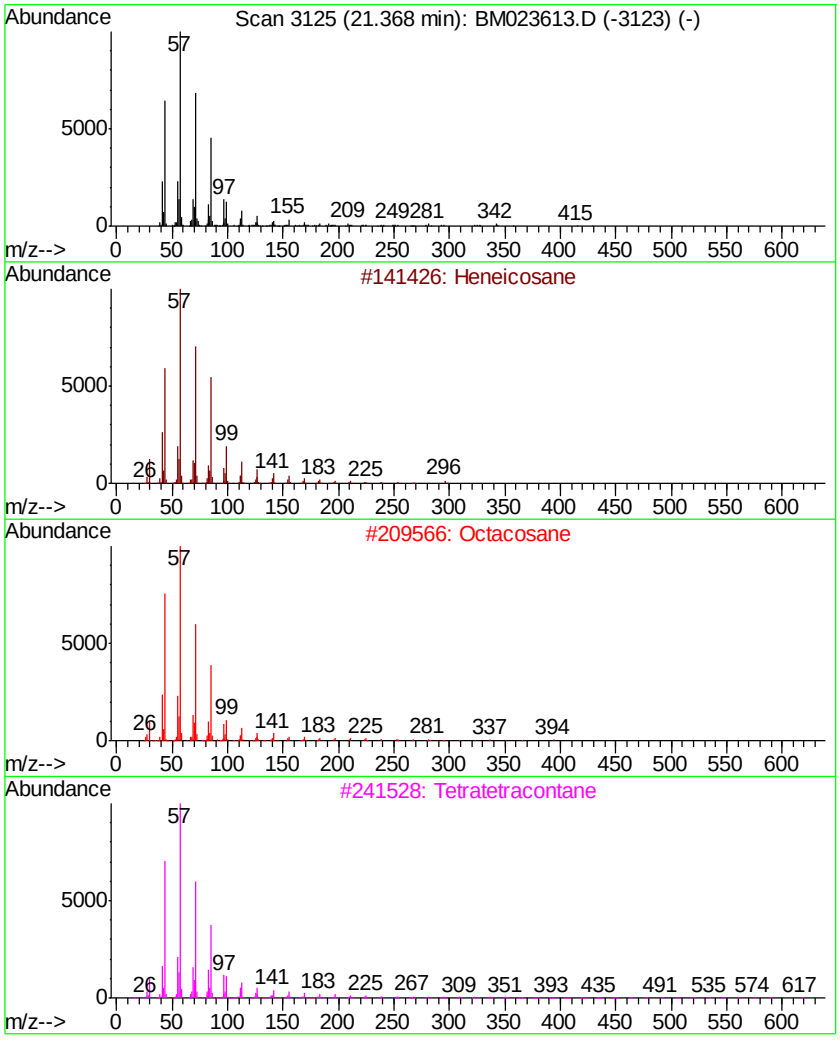
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

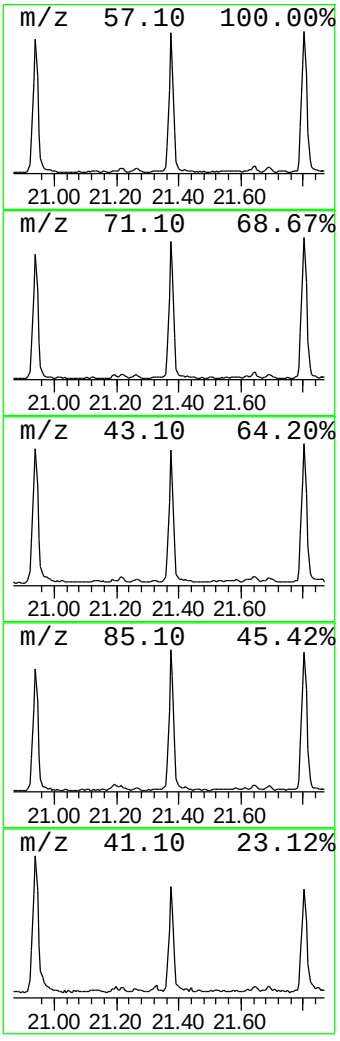
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.36 ng/ul	783811	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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Sample : K5567-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

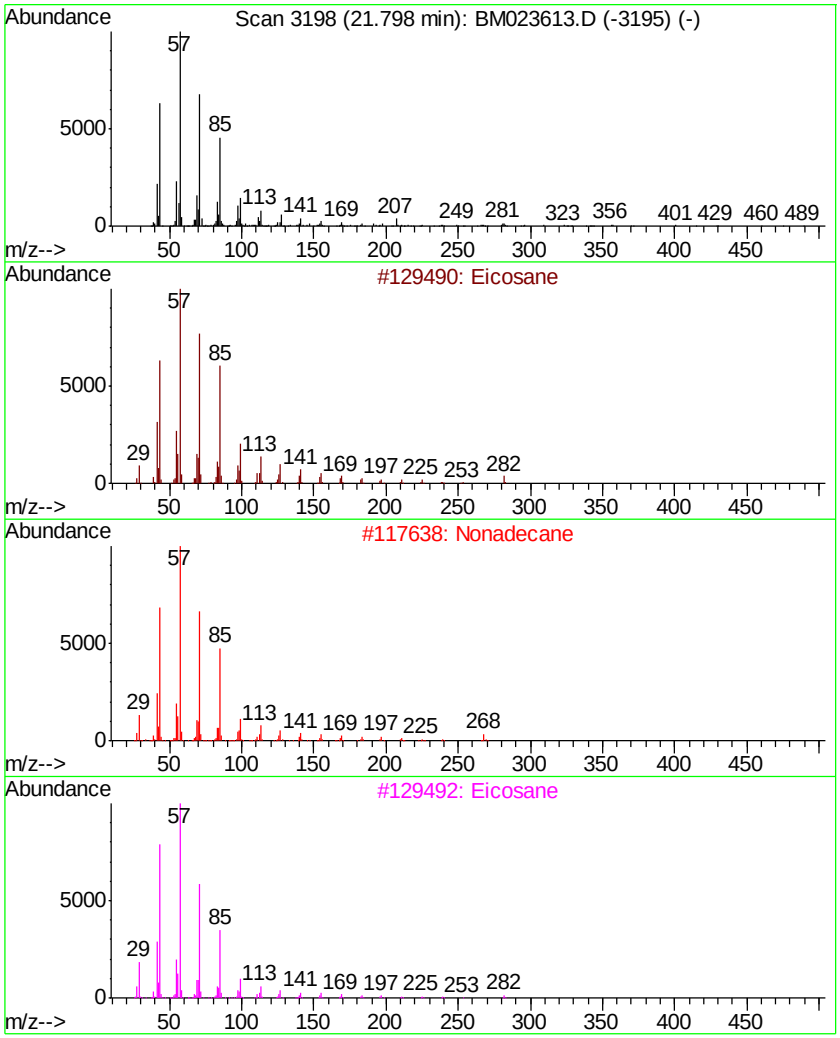
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

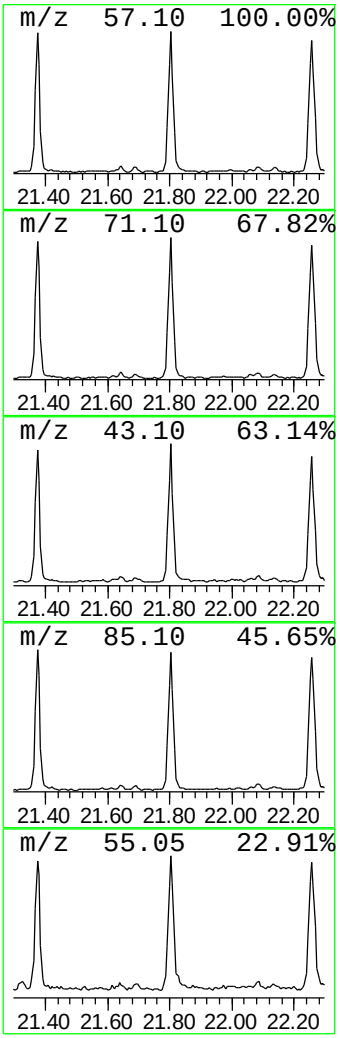
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.95 ng/ul	980634	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Eicosane	282	C20H42	000112-95-8	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : JLNE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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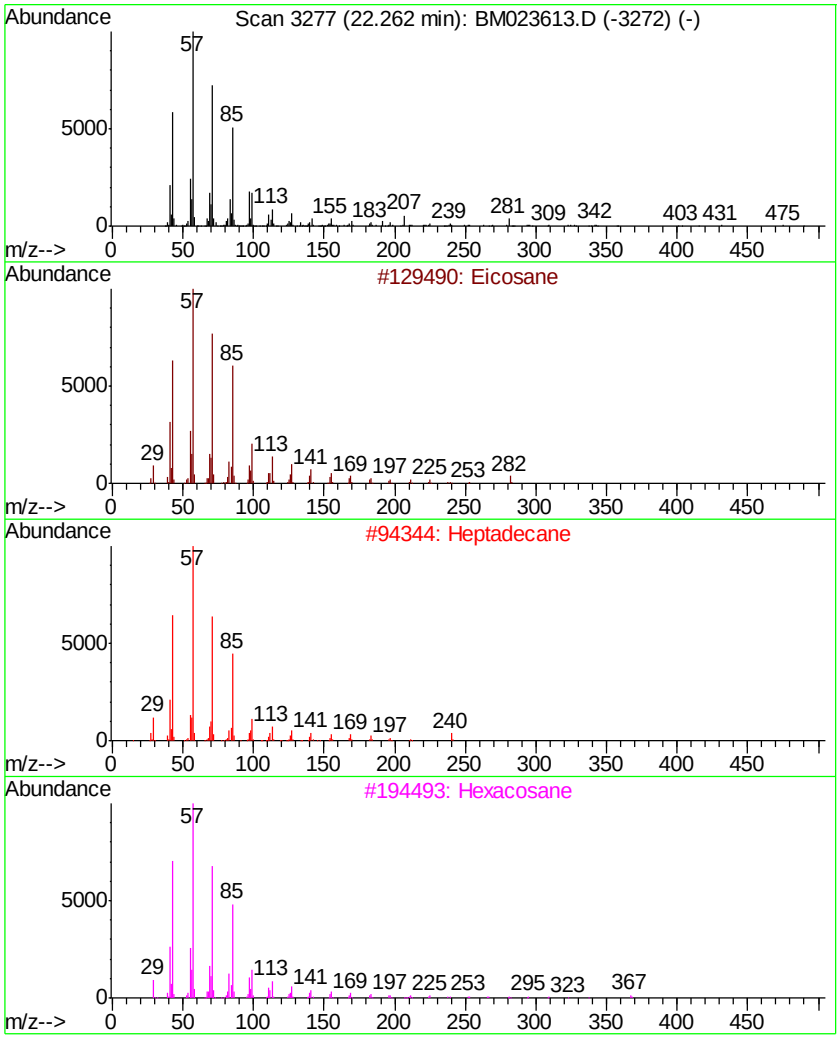
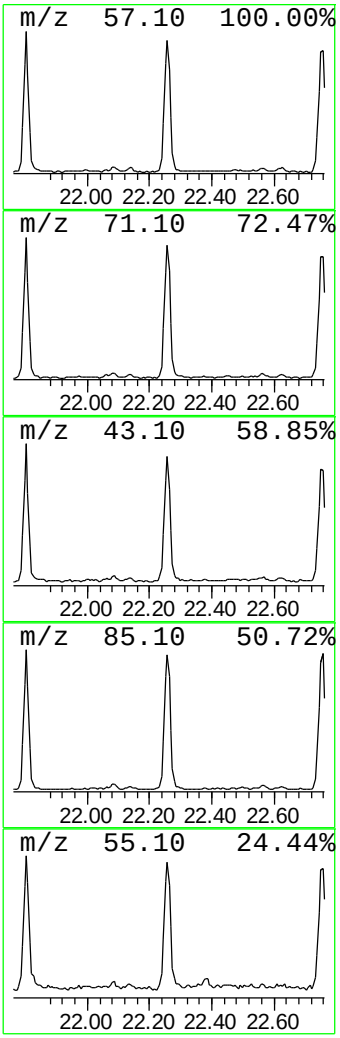
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.95 ng/ul	979526	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	93
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

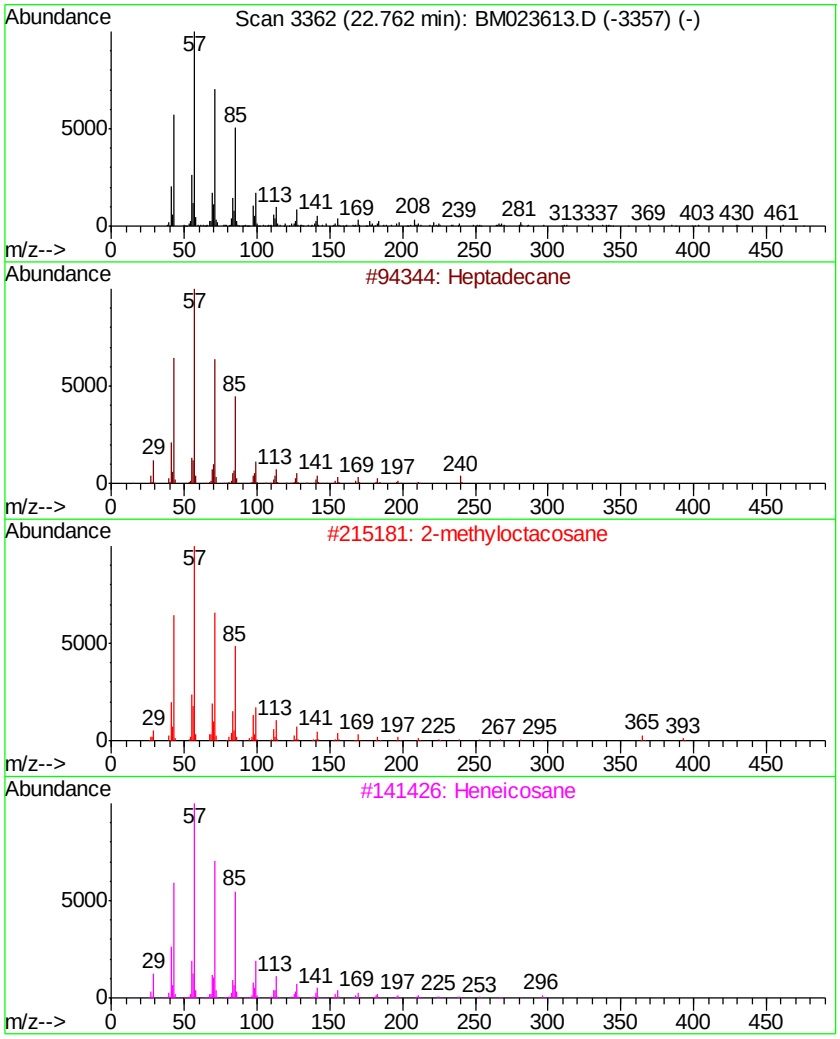
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

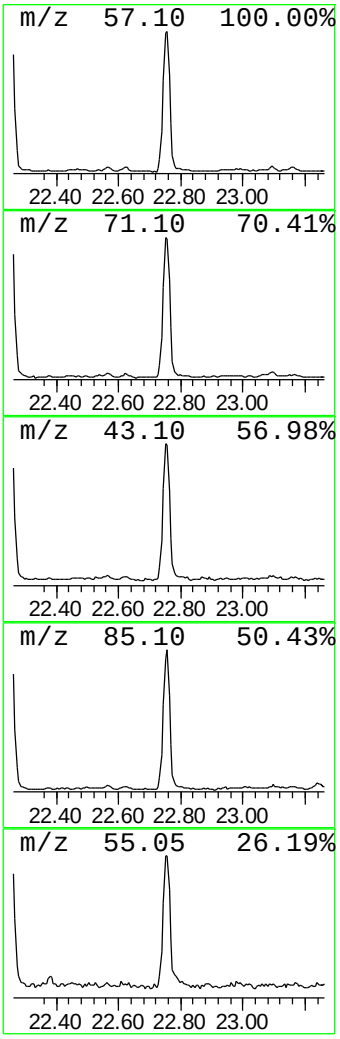
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.59 ng/ul	936100	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

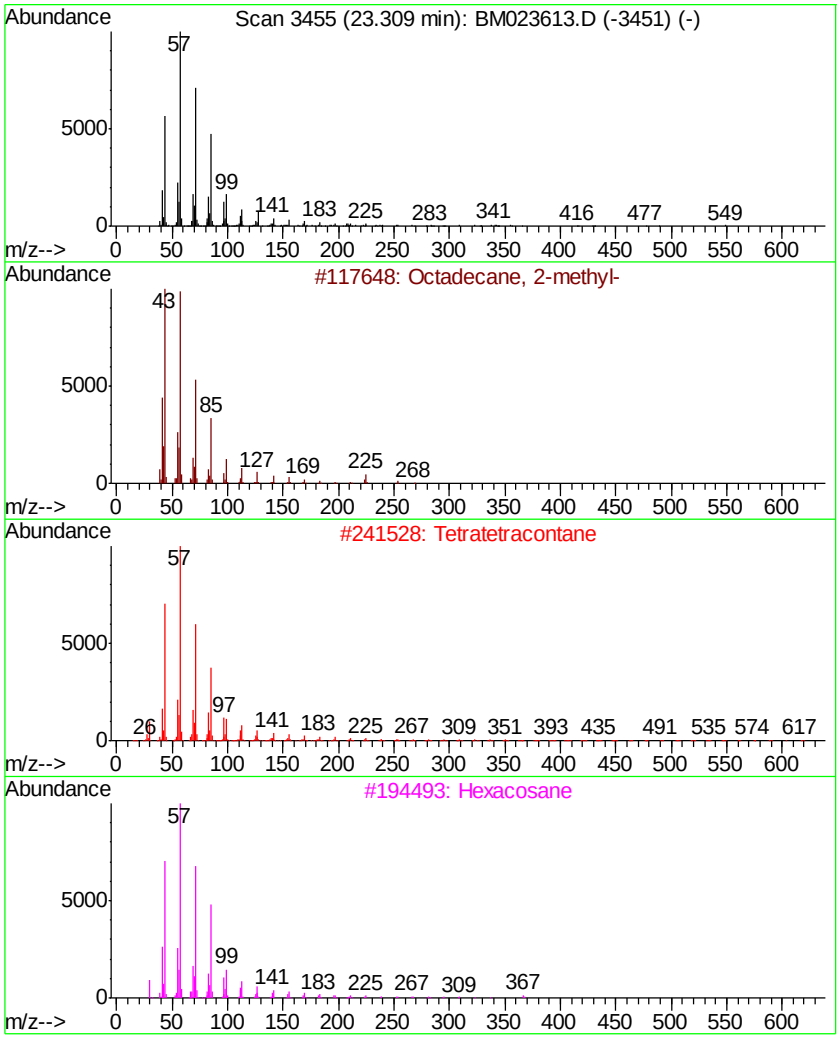
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

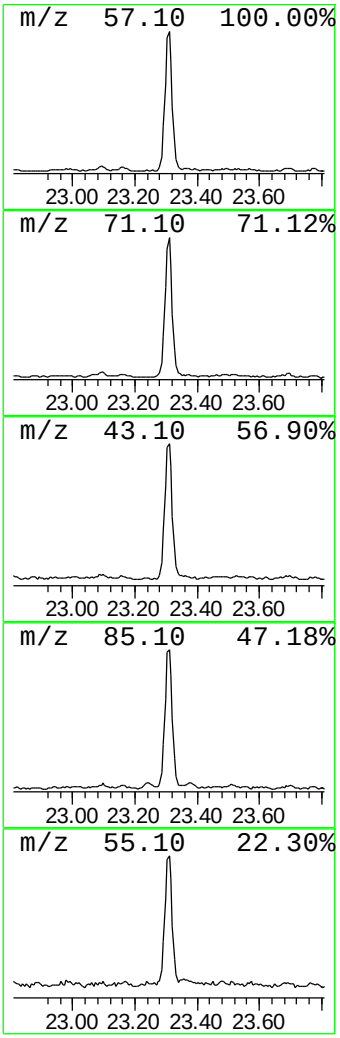
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	3.02 ng/ul	1091940	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Octadecane, 1-chl...	20.94	3.5	ng/ul	1159630	5	21.19	6643200	20.0
(DEL) Alkane: Str...	21.37	2.4	ng/ul	783811	5	21.19	6643200	20.0
(DEL) Alkane: Str...	21.80	3.0	ng/ul	980634	5	21.19	6643200	20.0
(DEL) Alkane: Str...	22.26	3.0	ng/ul	979526	5	21.19	6643200	20.0
(DEL) Alkane: Str...	22.76	2.6	ng/ul	936100	6	23.38	7241290	20.0
(DEL) Alkane: Str...	23.31	3.0	ng/ul	1091940	6	23.38	7241290	20.0