LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
Data File : BN010111.D
Acq On : 05 Mar 2020 19:00
Operator : CG/JU
Sample : L1641-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y9

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	2.899	17	19	24	rVB5	3329	4009	0.26%	0.020%
2	3.005	35	37	41	rBV	23689	31383	2.01%	0.159%
3	3.511	119	123	125	rVB5	2280	3114	0.20%	0.016%
4	3.605	134	139	143	rVB5	5943	8215	0.53%	0.042%
5	3.693	150	154	158	rVB2	6658	9238	0.59%	0.047%
6	4.163	232	234	239	rVB4	3121	4362	0.28%	0.022%
7	4.211	239	242	249	rVB6	2987	5581	0.36%	0.028%
8	4.458	280	284	288	rVB6	1451	2684	0.17%	0.014%
9	4.563	296	302	304	rBV2	13256	18227	1.17%	0.093%
10	4.593	304	307	316	rVB2	15940	28750	1.84%	0.146%
11	4.811	342	344	347	rVB	1648	1895	0.12%	0.010%
12	5.422	445	448	449	rBV2	2321	2402	0.15%	0.012%
13	5.434	449	450	454	rVB3	3051	2686	0.17%	0.014%
14	5.610	475	480	484	rVV5	1260	1973	0.13%	0.010%
15	5.746	502	503	506	rVB3	1879	1857	0.12%	0.009%
16	5.810	511	514	516	rVB2	1885	2036	0.13%	0.010%
17	6.028	548	551	552	rBV3	1934	1793	0.11%	0.009%
18	6.375	607	610	615	rVB3	1827	3092	0.20%	0.016%
19	6.563	637	642	653	rBV	259420	480736	30.79%	2.443%
20	6.716	663	668	684	rVB	187184	326456	20.91%	1.659%
21	6.899	693	699	710	rVV	282123	465952	29.84%	2.368%
22	6.987	712	714	719	rVB2	3887	5074	0.32%	0.026%
23	7.357	770	777	792	rVV	307473	526715	33.74%	2.676%
24	7.569	810	813	815	rBV3	1451	2046	0.13%	0.010%
25	7.734	837	841	844	rVV2	1286	1920	0.12%	0.010%
26	8.075	894	899	916	rBV	309298	572166	36.65%	2.907%
27	8.193	918	919	925	rVV3	4104	6064	0.39%	0.031%
28	8.504	964	972	986	rBV	268543	506241	32.43%	2.572%
29	8.599	986	988	991	rVB3	2943	2878	0.18%	0.015%
30	8.699	1001	1005	1010	rBV3	2233	3540	0.23%	0.018%
31	8.934	1039	1045	1048	rVB3	2819	4954	0.32%	0.025%
32	9.216	1087	1093	1101	rBV	227081	415919	26.64%	2.113%
33	9.299	1106	1107	1113	rVB3	3318	4453	0.29%	0.023%
34	9.751	1178	1184	1202	rBV	276556	578557	37.06%	2.940%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y9

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

35	9.869	1202	1204	1207	rVB3	2771	3200	0.20%	0.016%
36	10.098	1237	1243	1254	rBV	451829	754896	48.35%	3.836%
37	10.263	1265	1271	1292	rVV	243611	608565	38.98%	3.092%
38	10.393	1292	1293	1298	rVV3	3659	4028	0.26%	0.020%
39	10.851	1366	1371	1376	rVB3	1326	2128	0.14%	0.011%
40	13.081	1745	1750	1751	rBV4	1125	1942	0.12%	0.010%
41	13.428	1803	1809	1823	rBV	567310	903096	57.84%	4.589%
42	13.687	1846	1853	1866	rVV	700205	1034153	66.24%	5.255%
43	13.769	1866	1867	1872	rVB4	1732	2276	0.15%	0.012%
44	13.834	1877	1878	1882	rVV3	1651	1891	0.12%	0.010%
45	13.998	1900	1906	1918	rVV	706906	1018340	65.23%	5.175%
46	14.075	1918	1919	1923	rVB2	3036	1990	0.13%	0.010%
47	14.269	1947	1952	1968	rBV3	125220	341301	21.86%	1.734%
48	15.004	2071	2077	2087	rBV	825296	1280137	81.99%	6.505%
49	15.092	2091	2092	2096	rVB3	1769	1838	0.12%	0.009%
50	15.181	2100	2107	2117	rBV	190578	382591	24.51%	1.944%
51	15.251	2117	2119	2124	rVB4	15287	20133	1.29%	0.102%
52	15.792	2210	2211	2216	rVB2	2219	2681	0.17%	0.014%
53	16.075	2254	2259	2260	rBV2	1688	1783	0.11%	0.009%
54	16.357	2305	2307	2310	rBV3	1718	2118	0.14%	0.011%
55	16.398	2310	2314	2318	rBV4	888	1805	0.12%	0.009%
56	16.492	2326	2330	2331	rBV3	1493	1749	0.11%	0.009%
57	16.557	2338	2341	2344	rVB4	2263	3298	0.21%	0.017%
58	16.763	2370	2376	2381	rBV	817597	1175742	75.31%	5.974%
59	16.863	2387	2393	2407	rVB	888955	1350378	86.49%	6.862%
60	16.951	2407	2408	2412	rVB2	1752	1813	0.12%	0.009%
61	16.980	2412	2413	2417	rBV4	1690	2022	0.13%	0.010%
62	17.251	2457	2459	2464	rVB3	1133	1817	0.12%	0.009%
63	17.645	2523	2526	2527	rBV3	1744	1801	0.12%	0.009%
64	17.710	2534	2537	2539	rBV4	3500	2982	0.19%	0.015%
65	17.763	2544	2546	2548	rBV2	2374	2588	0.17%	0.013%
66	17.839	2557	2559	2565	rVB4	3842	5430	0.35%	0.028%
67	18.039	2589	2593	2596	rBV4	1184	2003	0.13%	0.010%
68	18.104	2601	2604	2607	rBV3	2372	2681	0.17%	0.014%
69	18.363	2645	2648	2650	rBV2	1425	1910	0.12%	0.010%
70	18.433	2659	2660	2662	rBV2	2694	1933	0.12%	0.010%
71	18.604	2687	2689	2692	rVB4	3208	2844	0.18%	0.014%

LSC Area Percent Report

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Acq On : 05 Mar 2020 19:00
Operator : CG/JU
Sample : L1641-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y9

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

72	18.639	2692	2695	2696	rBV3	3075	2647	0.17%	0.013%
73	18.657	2696	2698	2701	rBV2	2502	2627	0.17%	0.013%
74	18.680	2701	2702	2705	rBV2	1772	1741	0.11%	0.009%
75	18.722	2707	2709	2712	rBV3	2071	2512	0.16%	0.013%
76	18.839	2725	2729	2736	rVV2	33046	41528	2.66%	0.211%
77	18.898	2736	2739	2741	rVV3	3081	3003	0.19%	0.015%
78	19.051	2763	2765	2772	rVB3	5450	7625	0.49%	0.039%
79	19.174	2780	2786	2798	rBV	1027142	1561261	100.00%	7.933%
80	19.457	2831	2834	2837	rBV4	2126	3436	0.22%	0.017%
81	19.692	2872	2874	2875	rBV2	3158	2106	0.13%	0.011%
82	19.821	2894	2896	2901	rVB6	4462	6065	0.39%	0.031%
83	19.880	2901	2906	2907	rBV4	6538	8619	0.55%	0.044%
84	19.916	2910	2912	2913	rVB	6118	3608	0.23%	0.018%
85	20.239	2966	2967	2969	rBV2	7109	6299	0.40%	0.032%
86	20.263	2969	2971	2972	rVV2	7386	4535	0.29%	0.023%
87	20.680	3037	3042	3045	rBV4	16963	29152	1.87%	0.148%
88	20.727	3047	3050	3056	rVV3	42638	66365	4.25%	0.337%
89	20.786	3056	3060	3068	rVV	72301	113701	7.28%	0.578%
90	20.986	3089	3094	3099	rBV2	914596	1242171	79.56%	6.312%
91	21.110	3112	3115	3120	rBV2	33137	43438	2.78%	0.221%
92	21.168	3123	3125	3128	rBV3	18926	17878	1.15%	0.091%
93	21.586	3193	3196	3200	rBV2	37800	46636	2.99%	0.237%
94	22.015	3266	3269	3273	rVB2	66472	70435	4.51%	0.358%
95	22.480	3344	3348	3352	rBV	122745	164678	10.55%	0.837%
96	22.945	3422	3427	3432	rBV2	791021	1344471	86.11%	6.832%
97	22.992	3432	3435	3440	rVB2	160732	232232	14.87%	1.180%
98	23.080	3444	3450	3462	rVB	681624	1249176	80.01%	6.347%
99	23.568	3529	3533	3540	rVB2	156119	239961	15.37%	1.219%
100	24.233	3642	3646	3654	rVB2	111088	193193	12.37%	0.982%

Sum of corrected areas: 19679950

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
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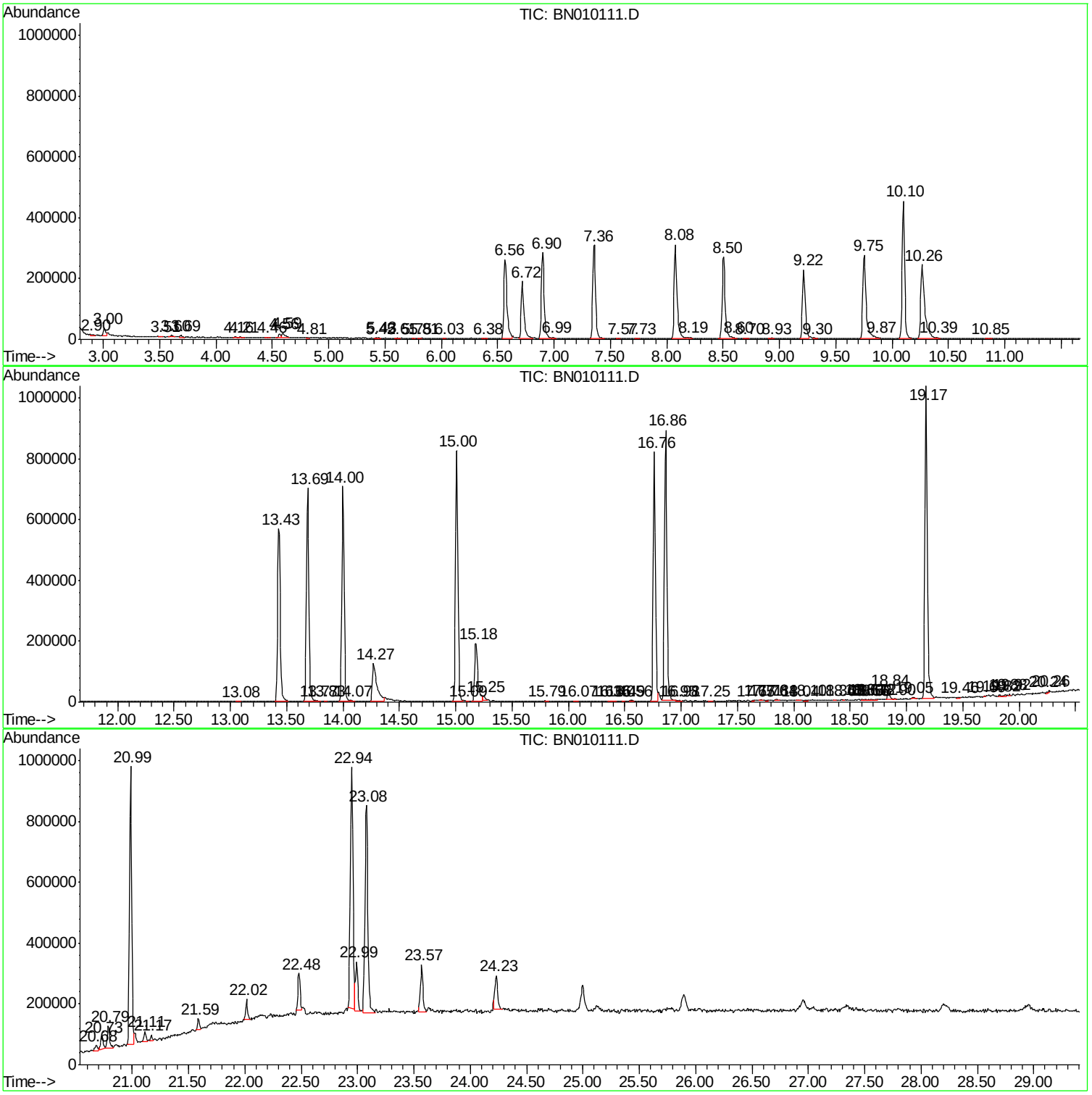
Acq On : 05 Mar 2020 19:00
Operator : CG/JU
Sample : L1641-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y9

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
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Quant Title : SVOA CALIBRATION

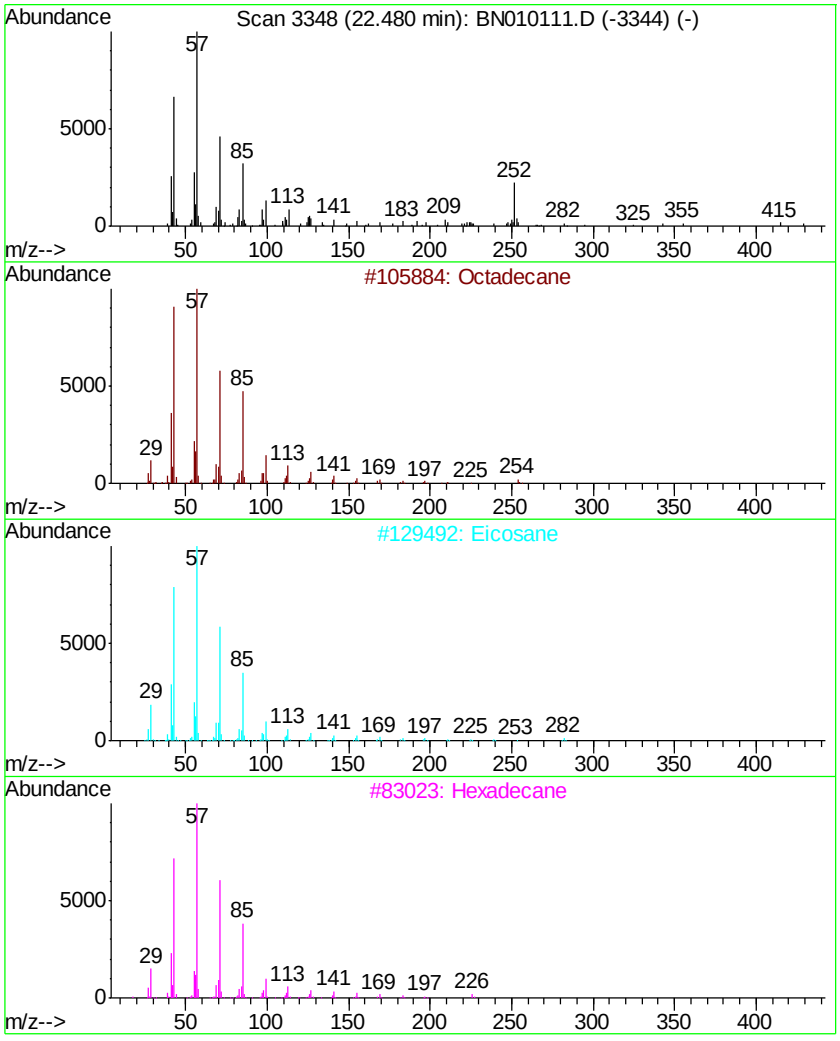
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

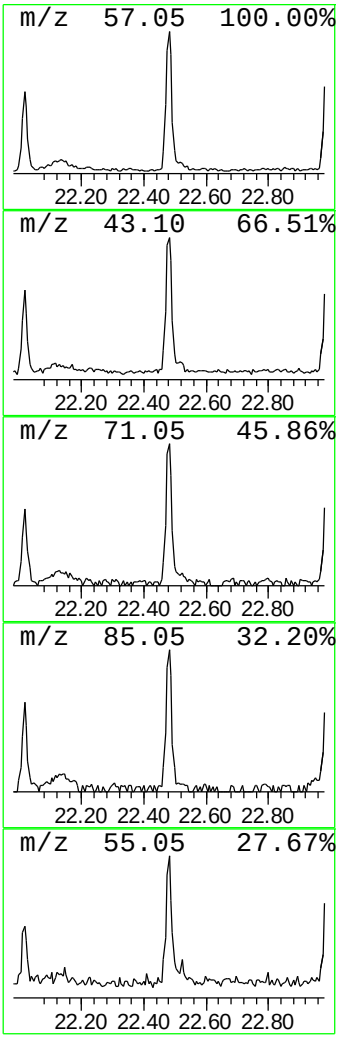
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.64 ng/ul	164678	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetracosane	338	C24H50	000646-31-1	70
5	Heneicosane	296	C21H44	000629-94-7	62





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y9

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

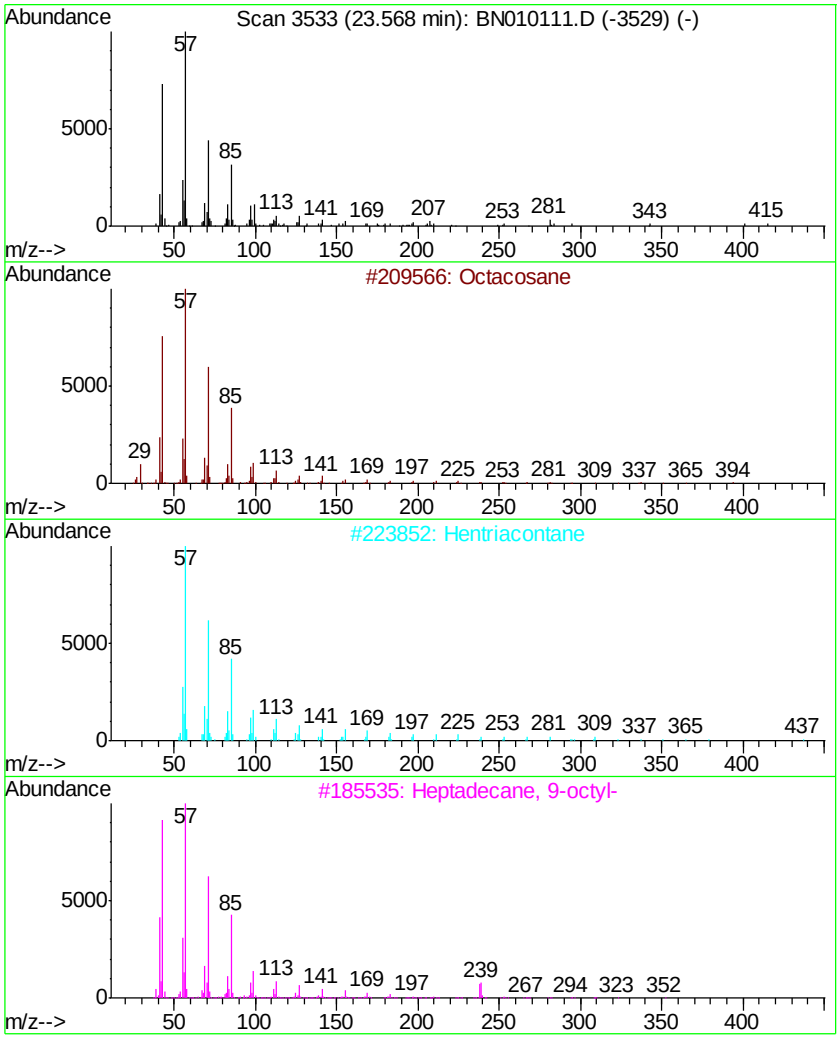
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

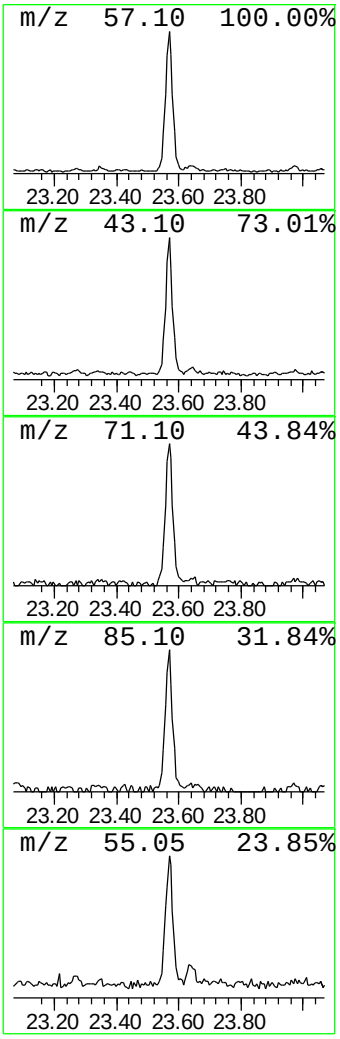
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	3.84 ng/ul	239961	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	1-Iodoundecane	282	C11H23I	004282-44-4	81
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : CB6Y9

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

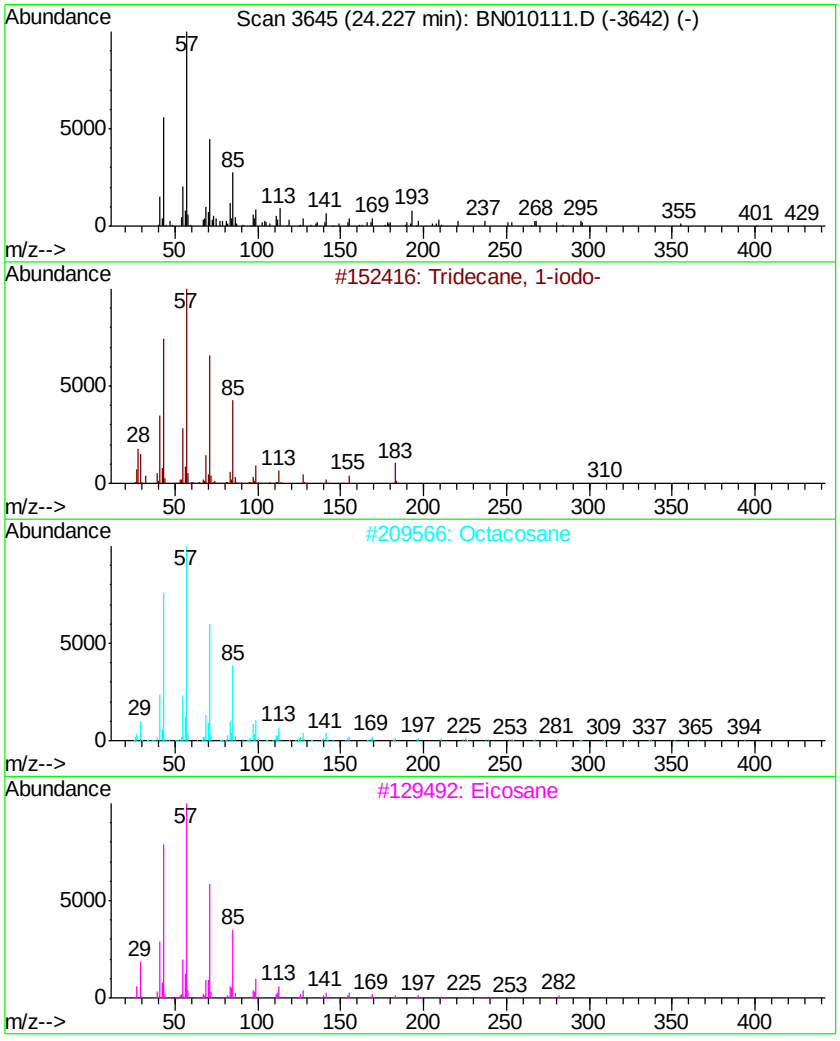
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

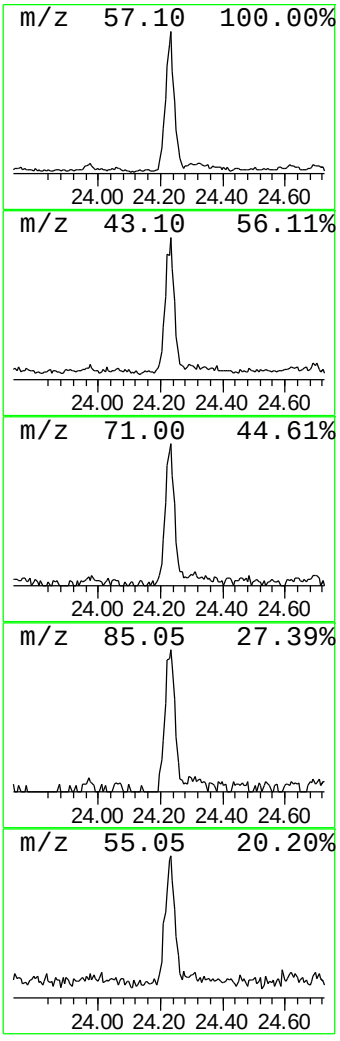
****

Peak Number 3 Tridecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	3.09 ng/ul	193193	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
2	Octacosane	394	C28H58	000630-02-4	53
3	Eicosane	282	C20H42	000112-95-8	53
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	52
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49





Tentatively Identified Compound (LSC) summary

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Acq On : 05 Mar 2020 19:00
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Sample : L1641-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y9

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...	22.48	2.6	ng/ul	164678	6	23.08	1249180	20.0
(DEL) Alkane: Str...	23.57	3.8	ng/ul	239961	6	23.08	1249180	20.0
Tridecane, 1-iodo-	24.23	3.1	ng/ul	193193	6	23.08	1249180	20.0