LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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	3.028	4	7	8	rBV2	4112	3786	0.26%	0.044%
2	3.175	29	32	34	rVB3	3131	2504	0.17%	0.029%
3	3.464	79	81	84	rBV3	1982	2071	0.14%	0.024%
4	3.616	105	107	114	rVB3	6731	10026	0.70%	0.117%
5	3.705	119	122	127	rVB5	4631	7222	0.50%	0.085%
6	4.187	203	204	207	rVB2	4359	2253	0.16%	0.026%
7	4.234	209	212	217	rBV6	3371	5419	0.38%	0.063%
8	4.528	260	262	264	rBV3	1922	2357	0.16%	0.028%
9	4.581	266	271	276	rBV	21453	32729	2.27%	0.383%
10	5.069	352	354	357	rBV2	2041	1789	0.12%	0.021%
11	5.158	366	369	371	rBV2	1657	2078	0.14%	0.024%
12	5.358	400	403	407	rBV5	2226	2755	0.19%	0.032%
13	6.087	525	527	532	rVB3	1776	2568	0.18%	0.030%
14	6.222	549	550	555	rBV3	1188	2017	0.14%	0.024%
15	6.822	650	652	655	rVB3	1871	1817	0.13%	0.021%
16	7.016	681	685	688	rVB4	2408	3197	0.22%	0.037%
17	7.175	709	712	716	rVB3	1520	1748	0.12%	0.020%
18	7.375	740	746	770	rBV	319548	590391	40.93%	6.916%
19	7.646	789	792	796	rVB3	1422	1973	0.14%	0.023%
20	7.746	804	809	811	rBV3	1596	2664	0.18%	0.031%
21	7.887	828	833	834	rBV3	1686	2052	0.14%	0.024%
22	8.269	893	898	901	rBV4	2650	4702	0.33%	0.055%
23	8.852	994	997	1000	rVB3	1806	2155	0.15%	0.025%
24	8.887	1000	1003	1005	rBV3	1604	1949	0.14%	0.023%
25	9.269	1065	1068	1071	rBV3	1514	1795	0.12%	0.021%
26	9.469	1099	1102	1105	rVB4	1327	1817	0.13%	0.021%
27	9.516	1107	1110	1115	rVV2	1385	2287	0.16%	0.027%
28	9.646	1128	1132	1136	rVB4	2218	3779	0.26%	0.044%
29	10.122	1206	1213	1230	rBV	429249	825450	57.23%	9.670%
30	10.228	1230	1231	1236	rVB3	2904	2742	0.19%	0.032%
31	10.310	1241	1245	1246	rVV3	1425	1735	0.12%	0.020%
32	12.169	1558	1561	1564	rBV3	1513	1894	0.13%	0.022%
33	12.828	1671	1673	1677	rVB2	1445	2126	0.15%	0.025%
34	12.910	1684	1687	1690	rVB3	1436	1937	0.13%	0.023%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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	13.092	1712	1718	1720	rBV2	1136	2015	0.14%	0.024%
36	13.581	1797	1801	1804	rVB2	1419	2048	0.14%	0.024%
37	13.757	1827	1831	1832	rVV4	2186	2602	0.18%	0.030%
38	13.810	1836	1840	1843	rVB3	1158	1844	0.13%	0.022%
39	13.963	1863	1866	1869	rBV4	1516	2362	0.16%	0.028%
40	14.016	1869	1875	1883	rVV2	697636	1086113	75.30%	12.723%
41	14.087	1883	1887	1894	rVB	28638	49669	3.44%	0.582%
42	14.351	1929	1932	1935	rBV3	1998	1995	0.14%	0.023%
43	14.457	1945	1950	1956	rBV3	4371	8406	0.58%	0.098%
44	14.539	1961	1964	1969	rVB	1239	1738	0.12%	0.020%
45	14.892	2020	2024	2027	rVB3	2105	3180	0.22%	0.037%
46	15.010	2041	2044	2047	rBV3	1286	2117	0.15%	0.025%
47	15.098	2055	2059	2065	rVV2	12993	22137	1.53%	0.259%
48	15.398	2105	2110	2116	rVB4	4114	6897	0.48%	0.081%
49	15.551	2133	2136	2137	rBV3	3189	3956	0.27%	0.046%
50	16.104	2228	2230	2233	rVV4	2931	2751	0.19%	0.032%
51	16.375	2272	2276	2279	rBV4	1745	2231	0.15%	0.026%
52	16.539	2301	2304	2307	rBV2	1863	2270	0.16%	0.027%
53	16.575	2307	2310	2312	rVV3	2491	3149	0.22%	0.037%
54	16.598	2312	2314	2318	rVB2	2247	2353	0.16%	0.028%
55	16.781	2338	2345	2350	rBV	796833	1242821	86.17%	14.559%
56	16.822	2350	2352	2359	rVV	66268	89022	6.17%	1.043%
57	16.898	2363	2365	2367	rVV2	3487	3744	0.26%	0.044%
58	16.933	2367	2371	2375	rVB	7813	10025	0.70%	0.117%
59	17.045	2388	2390	2395	rVB3	1893	2338	0.16%	0.027%
60	17.210	2414	2418	2421	rBV3	1789	2246	0.16%	0.026%
61	17.316	2433	2436	2439	rVB4	2958	3646	0.25%	0.043%
62	17.422	2451	2454	2459	rVB3	1994	2717	0.19%	0.032%
63	17.663	2492	2495	2500	rVV6	7092	10230	0.71%	0.120%
64	17.716	2500	2504	2512	rBV2	12437	17914	1.24%	0.210%
65	17.798	2517	2518	2523	rVB4	3119	4104	0.28%	0.048%
66	17.857	2523	2528	2532	rBV2	20487	32355	2.24%	0.379%
67	18.175	2578	2582	2584	rBV3	4235	5107	0.35%	0.060%
68	18.298	2599	2603	2605	rVB3	2716	3508	0.24%	0.041%
69	18.422	2621	2624	2626	rVV2	2671	2355	0.16%	0.028%
70	18.475	2630	2633	2637	rVV4	3400	3215	0.22%	0.038%
71	18.516	2637	2640	2644	rBV5	2505	3666	0.25%	0.043%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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	18.751	2677	2680	2683	rVB3	4474	4817	0.33%	0.056%
73	18.851	2693	2697	2704	rBV	171765	240471	16.67%	2.817%
74	19.086	2736	2737	2744	rVB5	3644	6446	0.45%	0.076%
75	19.151	2747	2748	2751	rBV3	2763	2842	0.20%	0.033%
76	19.216	2752	2759	2766	rBV	121207	206048	14.29%	2.414%
77	19.275	2766	2769	2771	rBV4	2984	3079	0.21%	0.036%
78	19.298	2771	2773	2775	rBV2	4466	4016	0.28%	0.047%
79	19.422	2792	2794	2795	rVV2	4559	4296	0.30%	0.050%
80	19.463	2798	2801	2802	rBV3	4457	4425	0.31%	0.052%
81	19.551	2814	2816	2817	rBV2	3279	2356	0.16%	0.028%
82	19.639	2829	2831	2833	rBV2	3523	2563	0.18%	0.030%
83	19.733	2845	2847	2851	rVB3	9092	8742	0.61%	0.102%
84	19.774	2851	2854	2861	rBV8	4494	8837	0.61%	0.104%
85	19.833	2861	2864	2869	rBV7	7364	12032	0.83%	0.141%
86	19.892	2870	2874	2876	rVV5	7021	10199	0.71%	0.119%
87	19.922	2876	2879	2882	rVB5	4368	6106	0.42%	0.072%
88	20.374	2954	2956	2957	rBV2	5594	2499	0.17%	0.029%
89	20.392	2957	2959	2960	rBV2	4698	2957	0.21%	0.035%
90	20.445	2966	2968	2971	rBV3	5805	4836	0.34%	0.057%
91	20.698	3009	3011	3015	rBV4	9636	12018	0.83%	0.141%
92	20.998	3056	3062	3076	rBV	1002359	1442346	100.00%	16.896%
93	21.598	3162	3164	3167	rVB3	39268	34301	2.38%	0.402%
94	22.027	3234	3237	3241	rBV3	69603	87043	6.03%	1.020%
95	22.492	3313	3316	3322	rVB	108152	144023	9.99%	1.687%
96	23.010	3400	3404	3408	rVB	147837	205744	14.26%	2.410%
97	23.092	3412	3418	3428	rVV2	729684	1300461	90.16%	15.234%
98	23.586	3499	3502	3511	rVB	129773	212839	14.76%	2.493%
99	24.251	3610	3615	3622	rVB	105206	212616	14.74%	2.491%
100	25.021	3742	3746	3754	rVB3	74851	160828	11.15%	1.884%

Sum of corrected areas: 8536416

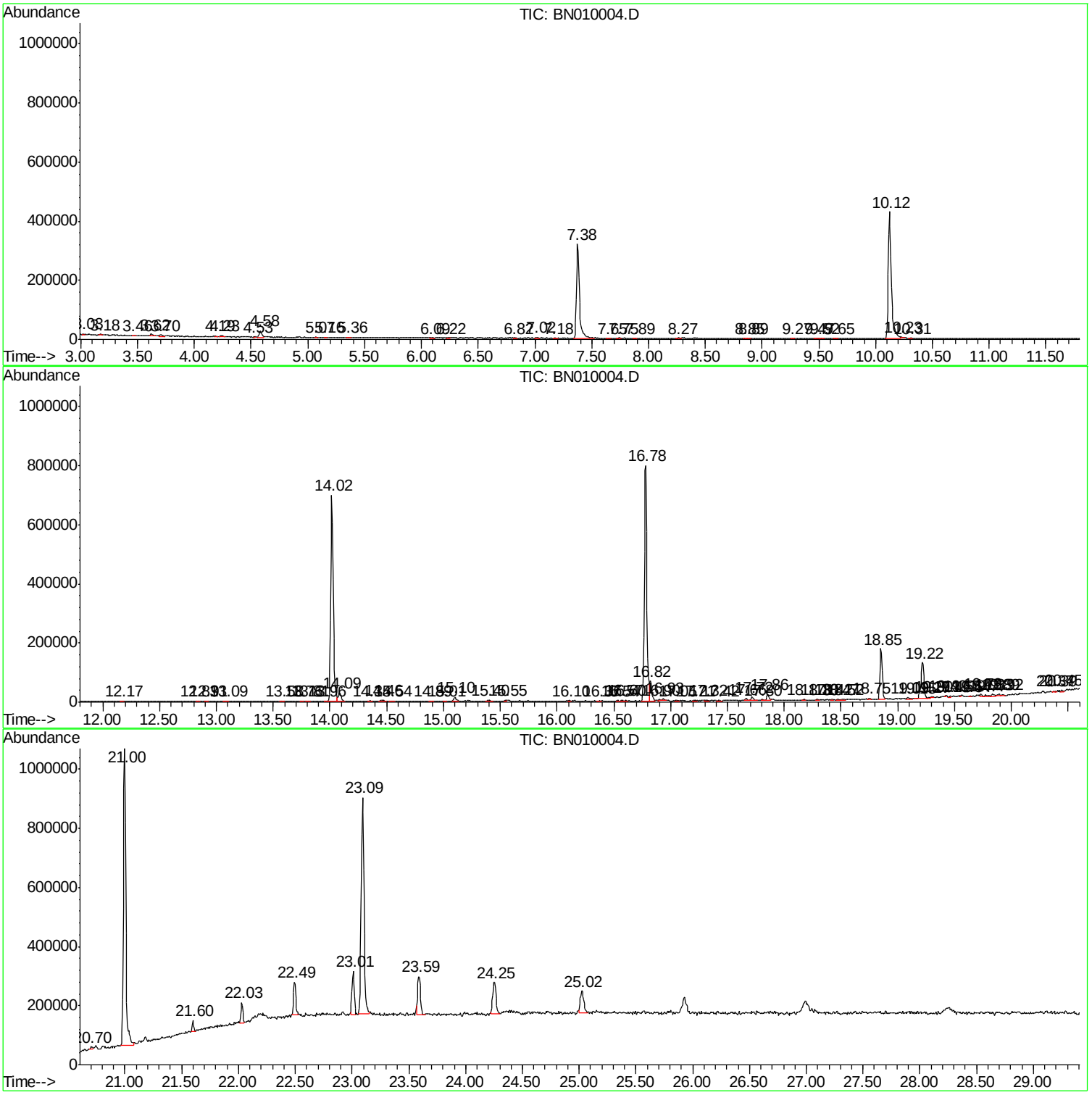
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

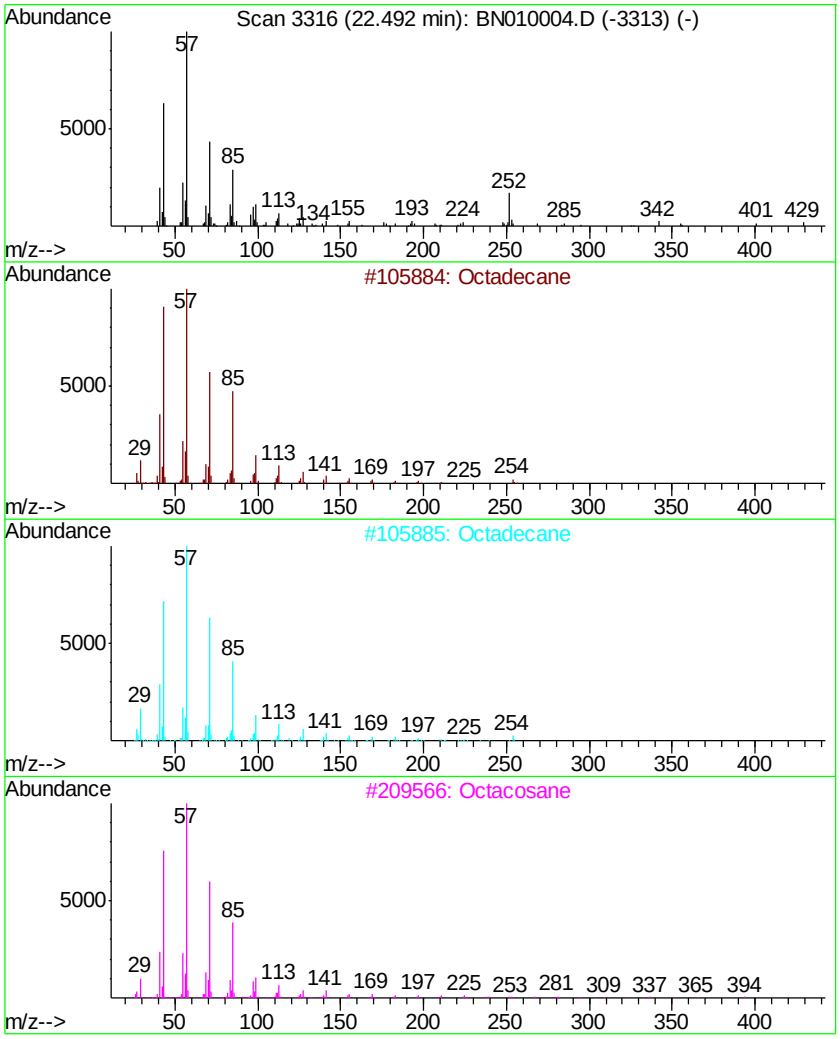
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

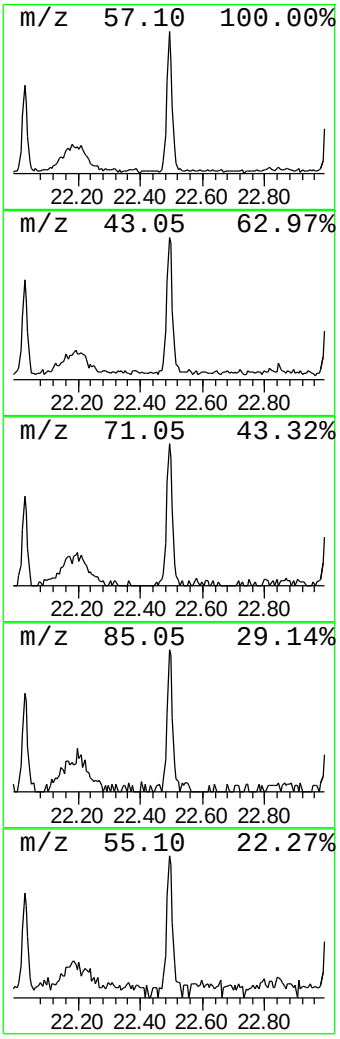
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.21 ng/ul	144023	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Octadecane	254	C18H38	000593-45-3	92
3	Octacosane	394	C28H58	000630-02-4	81
4	Tetracosane	338	C24H50	000646-31-1	72
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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

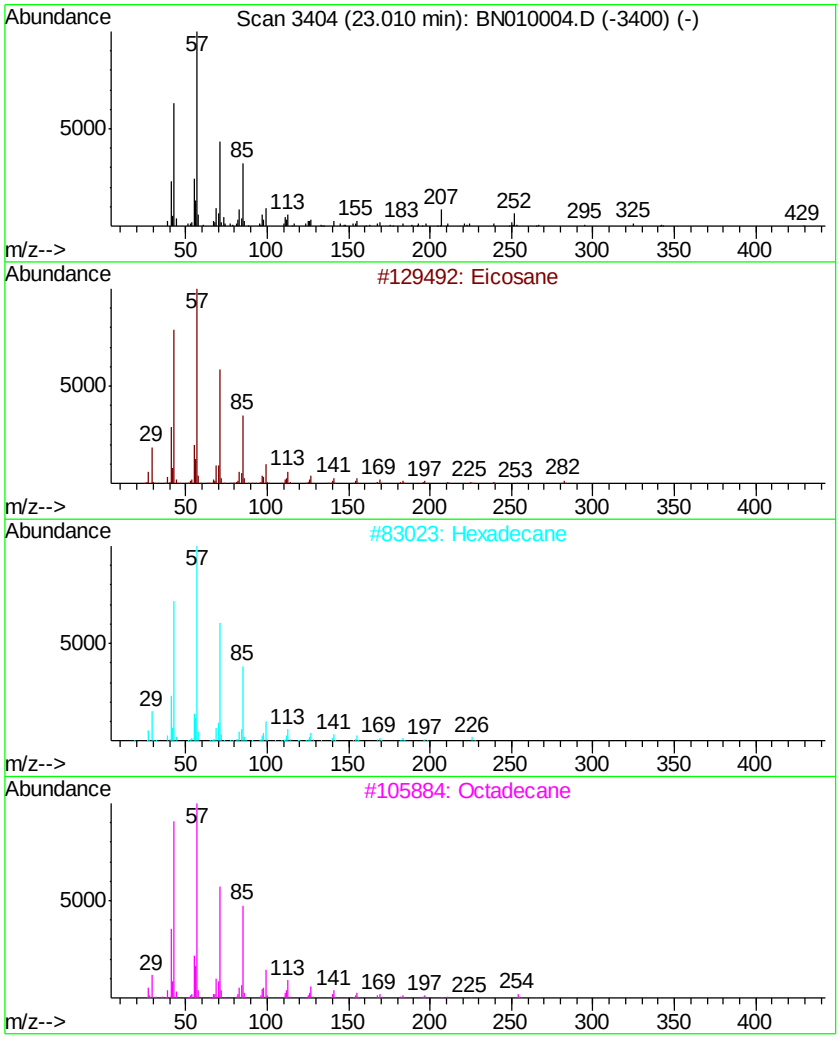
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

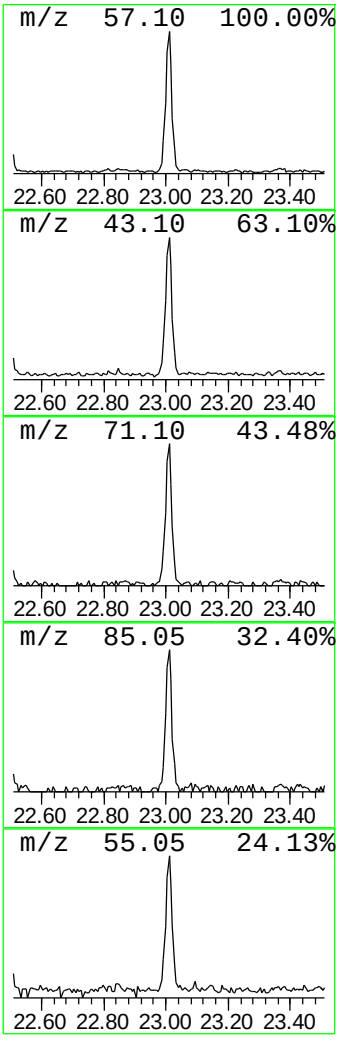
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	3.16 ng/ul	205744	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Hexadecane	226	C16H34	000544-76-3	72
3	Octadecane	254	C18H38	000593-45-3	70
4	Hexacosane	366	C26H54	000630-01-3	70
5	Heneicosane	296	C21H44	000629-94-7	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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

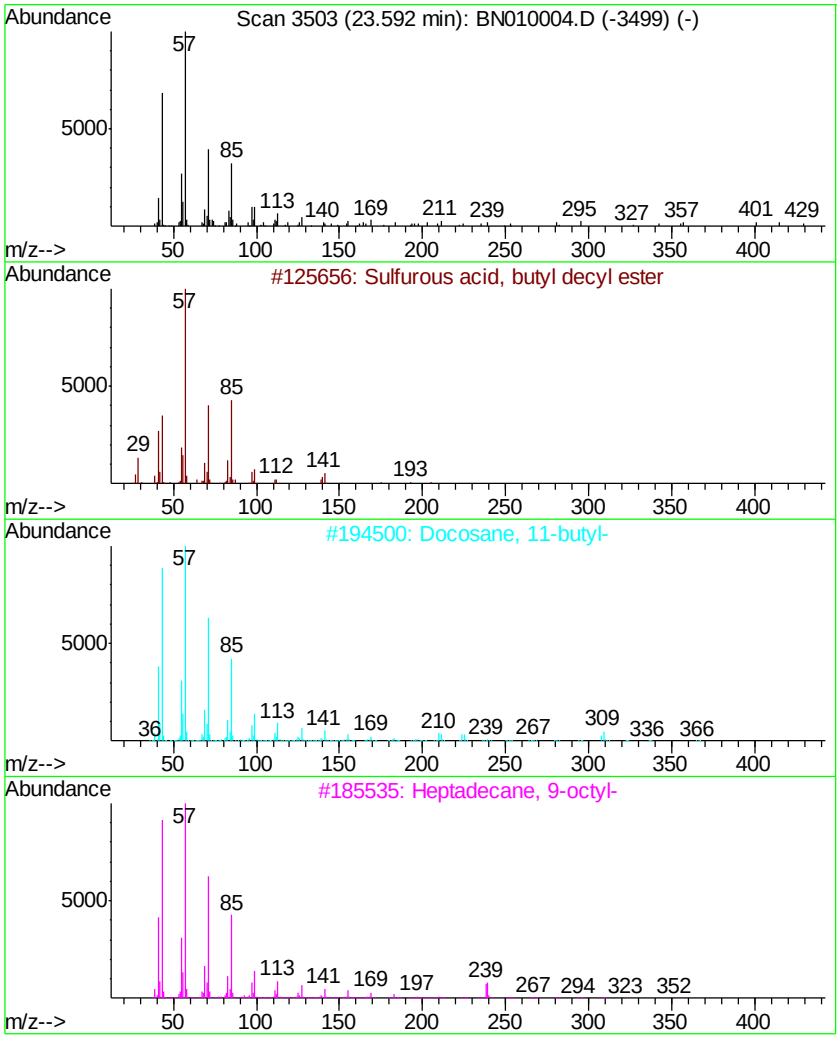
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

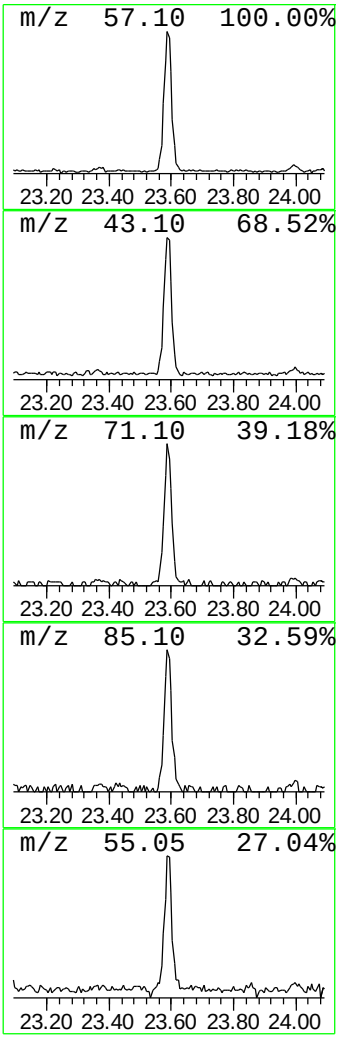
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.27 ng/ul	212839	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	68
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
4	Docosane	310	C22H46	000629-97-0	64
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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

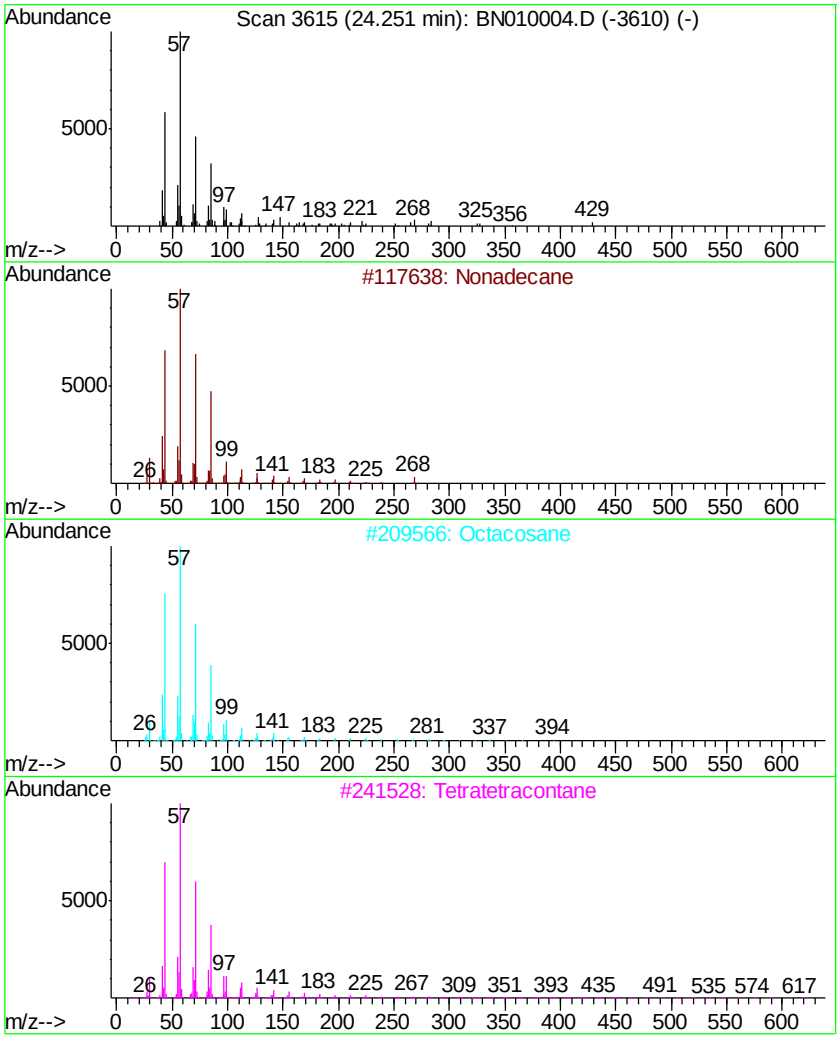
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

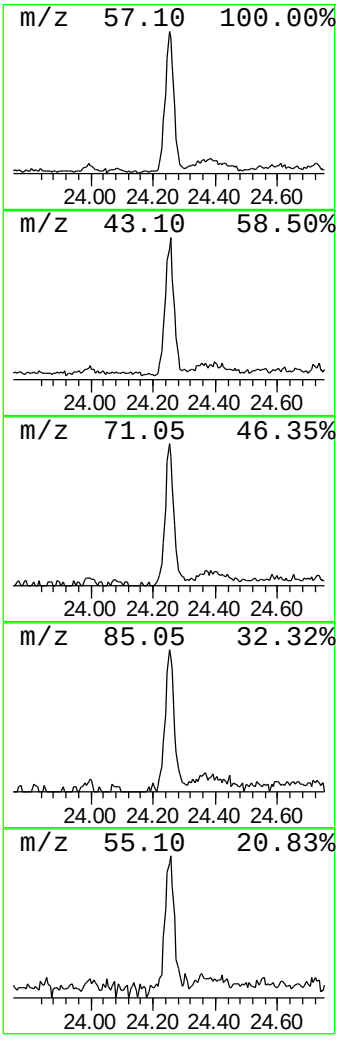
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	3.27 ng/ul	212616	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetratetracontane	619	C44H90	007098-22-8	76
4	Heptacosane	380	C27H56	000593-49-7	72
5	Nonadecane	268	C19H40	000629-92-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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

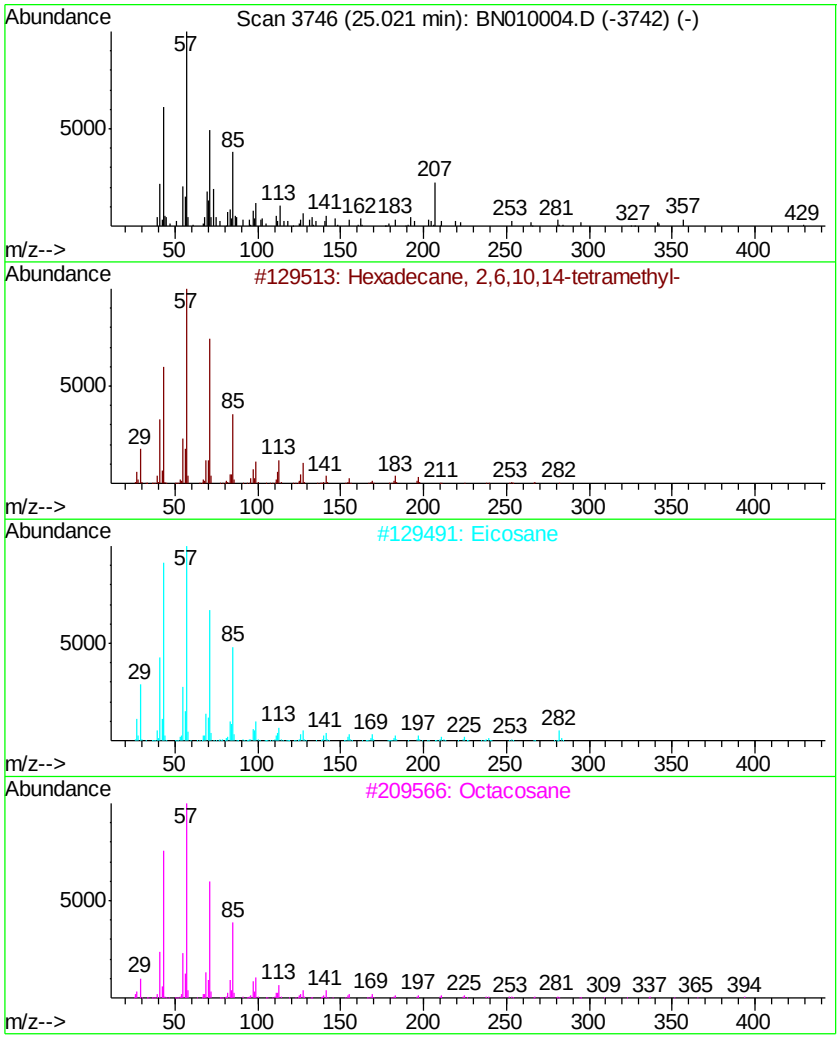
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

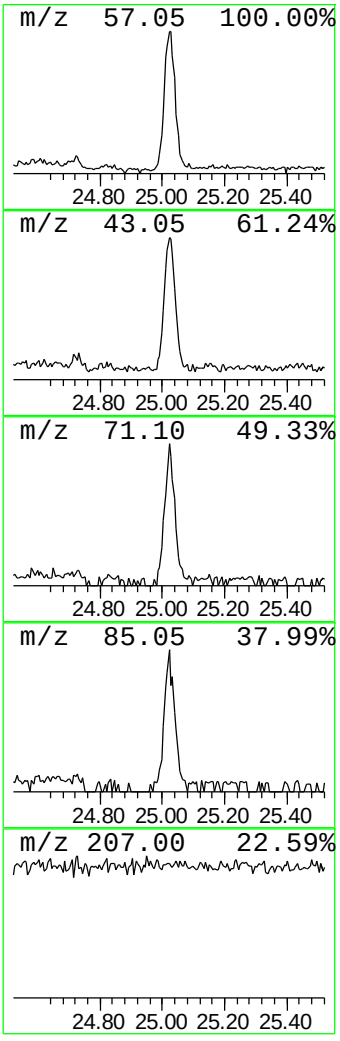
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	2.47 ng/ul	160828	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Eicosane	282	C20H42	000112-95-8	58
3	Octacosane	394	C28H58	000630-02-4	58
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	58
5	Tetracosane	338	C24H50	000646-31-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
Data File : BN010004.D
Acq On : 29 Feb 2020 02:44
Operator : CG/JU
Sample : L1507-16RX
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R1RX

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...	22.49	2.2	ng/ul	144023	6	23.09	1300460	20.0
(DEL) Alkane: Str...	23.01	3.2	ng/ul	205744	6	23.09	1300460	20.0
(DEL) Alkane: Str...	23.59	3.3	ng/ul	212839	6	23.09	1300460	20.0
(DEL) Alkane: Str...	24.25	3.3	ng/ul	212616	6	23.09	1300460	20.0
(DEL) Alkane: Str...	25.02	2.5	ng/ul	160828	6	23.09	1300460	20.0