LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

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-BN012220MA.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	3.058	10	12	14	rBV3	4702	3848	0.17%	0.014%
2	3.087	14	17	23	rVB2	22925	30286	1.35%	0.109%
3	3.575	96	100	102	rBV5	4368	5147	0.23%	0.018%
4	3.687	114	119	127	rVV	37522	63438	2.83%	0.228%
5	3.769	130	133	141	rVB3	8966	12400	0.55%	0.045%
6	3.864	147	149	150	rBV2	4436	4625	0.21%	0.017%
7	3.934	157	161	163	rBV4	4899	4861	0.22%	0.017%
8	3.993	167	171	176	rVB3	11466	13638	0.61%	0.049%
9	4.205	205	207	210	rVB4	3914	4053	0.18%	0.015%
10	4.381	233	237	243	rBV6	8825	12086	0.54%	0.043%
11	4.652	279	283	293	rBV	36247	68779	3.07%	0.247%
12	5.711	461	463	468	rVB4	2701	3912	0.17%	0.014%
13	5.887	489	493	496	rVB4	4815	6666	0.30%	0.024%
14	6.534	599	603	606	rBV5	2926	4073	0.18%	0.015%
15	6.652	617	623	637	rBV2	328515	600865	26.84%	2.158%
16	6.810	642	650	661	rBV	283495	462118	20.64%	1.660%
17	6.993	676	681	689	rBV	338220	545994	24.39%	1.961%
18	7.099	695	699	701	rBV3	3779	4166	0.19%	0.015%
19	7.234	717	722	725	rBV5	1894	3542	0.16%	0.013%
20	7.452	753	759	768	rVV	583785	910491	40.67%	3.270%
21	7.540	768	774	779	rVB4	5892	10494	0.47%	0.038%
22	8.163	874	880	891	rVV	361276	593171	26.50%	2.130%
23	8.246	893	894	896	rVV2	3594	3639	0.16%	0.013%
24	8.275	896	899	904	rVB4	9332	16029	0.72%	0.058%
25	8.593	947	953	962	rBV	362785	608916	27.20%	2.187%
26	8.740	974	978	981	rBV4	3473	4416	0.20%	0.016%
27	8.775	981	984	990	rVV5	2940	5714	0.26%	0.021%
28	9.052	1027	1031	1037	rVB3	10158	12957	0.58%	0.047%
29	9.310	1068	1075	1083	rBV	283218	480060	21.45%	1.724%
30	9.769	1149	1153	1155	rVB3	2698	3635	0.16%	0.013%
31	9.840	1159	1165	1174	rBV	354252	617866	27.60%	2.219%
32	10.128	1211	1214	1217	rBV2	3371	3549	0.16%	0.013%
33	10.204	1220	1227	1237	rVV	819652	1308940	58.47%	4.701%
34	10.351	1246	1252	1273	rVB	329406	642643	28.71%	2.308%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

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-BN012220MA.M
Title : SVOA CALIBRATION

35	11.816	1495	1501	1507	rVB6	5589	12707	0.57%	0.046%
36	12.440	1604	1607	1612	rVB4	4806	6316	0.28%	0.023%
37	12.704	1648	1652	1655	rVB3	5839	7295	0.33%	0.026%
38	12.934	1687	1691	1696	rBV4	4053	6329	0.28%	0.023%
39	13.510	1783	1789	1794	rBV	794463	1109319	49.56%	3.984%
40	13.563	1794	1798	1805	rVB	185201	270012	12.06%	0.970%
41	13.775	1828	1834	1843	rBV	732026	1059448	47.33%	3.805%
42	14.028	1871	1877	1881	rBV4	4506	7085	0.32%	0.025%
43	14.087	1881	1887	1894	rBV	1152831	1710425	76.41%	6.143%
44	14.322	1922	1927	1948	rBV	196806	443813	19.83%	1.594%
45	14.469	1950	1952	1956	rVV4	4263	7755	0.35%	0.028%
46	14.539	1959	1964	1969	rVV3	26859	42093	1.88%	0.151%
47	14.716	1990	1994	1999	rBV4	2859	5582	0.25%	0.020%
48	14.928	2025	2030	2034	rBV4	6577	12271	0.55%	0.044%
49	14.987	2037	2040	2044	rVB3	8994	10267	0.46%	0.037%
50	15.092	2050	2058	2064	rBV	1079986	1501255	67.06%	5.392%
51	15.234	2076	2082	2096	rBV	325638	507113	22.65%	1.821%
52	15.334	2096	2099	2104	rVB6	8601	10436	0.47%	0.037%
53	15.492	2122	2126	2130	rBV4	4451	7645	0.34%	0.027%
54	15.681	2155	2158	2161	rBV4	3664	3914	0.17%	0.014%
55	15.798	2174	2178	2180	rBV4	3362	5511	0.25%	0.020%
56	15.851	2184	2187	2189	rVV3	5056	6347	0.28%	0.023%
57	15.881	2189	2192	2194	rVB4	3611	4480	0.20%	0.016%
58	16.010	2211	2214	2218	rBV5	4336	5390	0.24%	0.019%
59	16.104	2225	2230	2233	rVB4	4011	5797	0.26%	0.021%
60	16.457	2288	2290	2295	rBV3	4305	4497	0.20%	0.016%
61	16.639	2316	2321	2327	rBV5	11483	22638	1.01%	0.081%
62	16.839	2349	2355	2360	rVV	1397144	1979776	88.44%	7.111%
63	16.881	2360	2362	2366	rVV	45570	56328	2.52%	0.202%
64	16.939	2366	2372	2388	rVV	1094664	1480307	66.13%	5.317%
65	17.057	2388	2392	2397	rVB6	3791	8602	0.38%	0.031%
66	17.163	2406	2410	2412	rBV5	4915	6281	0.28%	0.023%
67	17.186	2412	2414	2419	rVB3	2945	3903	0.17%	0.014%
68	17.257	2422	2426	2438	rVB4	24896	37194	1.66%	0.134%
69	17.375	2442	2446	2450	rVV3	8630	11463	0.51%	0.041%
70	17.628	2486	2489	2491	rBV3	4958	5238	0.23%	0.019%
71	17.722	2501	2505	2508	rVV3	7817	10367	0.46%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

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-BN012220MA.M
Title : SVOA CALIBRATION

72	17.769	2508	2513	2522	rVV2	103232	154065	6.88%	0.553%
73	17.839	2522	2525	2531	rVV5	12564	20954	0.94%	0.075%
74	17.910	2533	2537	2540	rVV4	12502	20304	0.91%	0.073%
75	17.951	2542	2544	2548	rVB4	5181	4976	0.22%	0.018%
76	18.069	2560	2564	2568	rVB5	9754	15772	0.70%	0.057%
77	18.204	2583	2587	2590	rBV5	18761	23736	1.06%	0.085%
78	18.275	2595	2599	2601	rBV6	3824	5176	0.23%	0.019%
79	18.486	2632	2635	2638	rBV5	3530	4938	0.22%	0.018%
80	18.569	2647	2649	2656	rVB8	4283	5977	0.27%	0.021%
81	18.645	2658	2662	2666	rVB6	11106	18581	0.83%	0.067%
82	18.716	2670	2674	2676	rBV5	14900	18257	0.82%	0.066%
83	18.786	2683	2686	2687	rBV3	4233	4857	0.22%	0.017%
84	18.875	2698	2701	2703	rBV3	15723	18409	0.82%	0.066%
85	18.910	2703	2707	2714	rVB	117608	154134	6.89%	0.554%
86	19.063	2730	2733	2737	rBV5	22540	32101	1.43%	0.115%
87	19.245	2758	2764	2773	rBV	1351611	1862581	83.20%	6.690%
88	19.833	2862	2864	2869	rVB5	15516	18744	0.84%	0.067%
89	19.886	2869	2873	2876	rBV5	12699	19477	0.87%	0.070%
90	20.333	2947	2949	2955	rVB3	23841	27981	1.25%	0.100%
91	20.792	3023	3027	3032	rBV2	340076	412966	18.45%	1.483%
92	21.045	3065	3070	3075	rBV	1666058	2238560	100.00%	8.040%
93	21.239	3100	3103	3107	rVB3	85686	104607	4.67%	0.376%
94	21.657	3171	3174	3181	rVB	144171	166310	7.43%	0.597%
95	22.092	3245	3248	3252	rVB2	195838	255401	11.41%	0.917%
96	22.568	3325	3329	3334	rVB	239744	326863	14.60%	1.174%
97	23.027	3402	3407	3413	rBV	903889	1507238	67.33%	5.413%
98	23.092	3415	3418	3423	rVV	264505	366104	16.35%	1.315%
99	23.163	3424	3430	3443	rVB	1207853	2189923	97.83%	7.865%
100	23.686	3515	3519	3525	rVB	217046	371303	16.59%	1.334%

Sum of corrected areas: 27842511

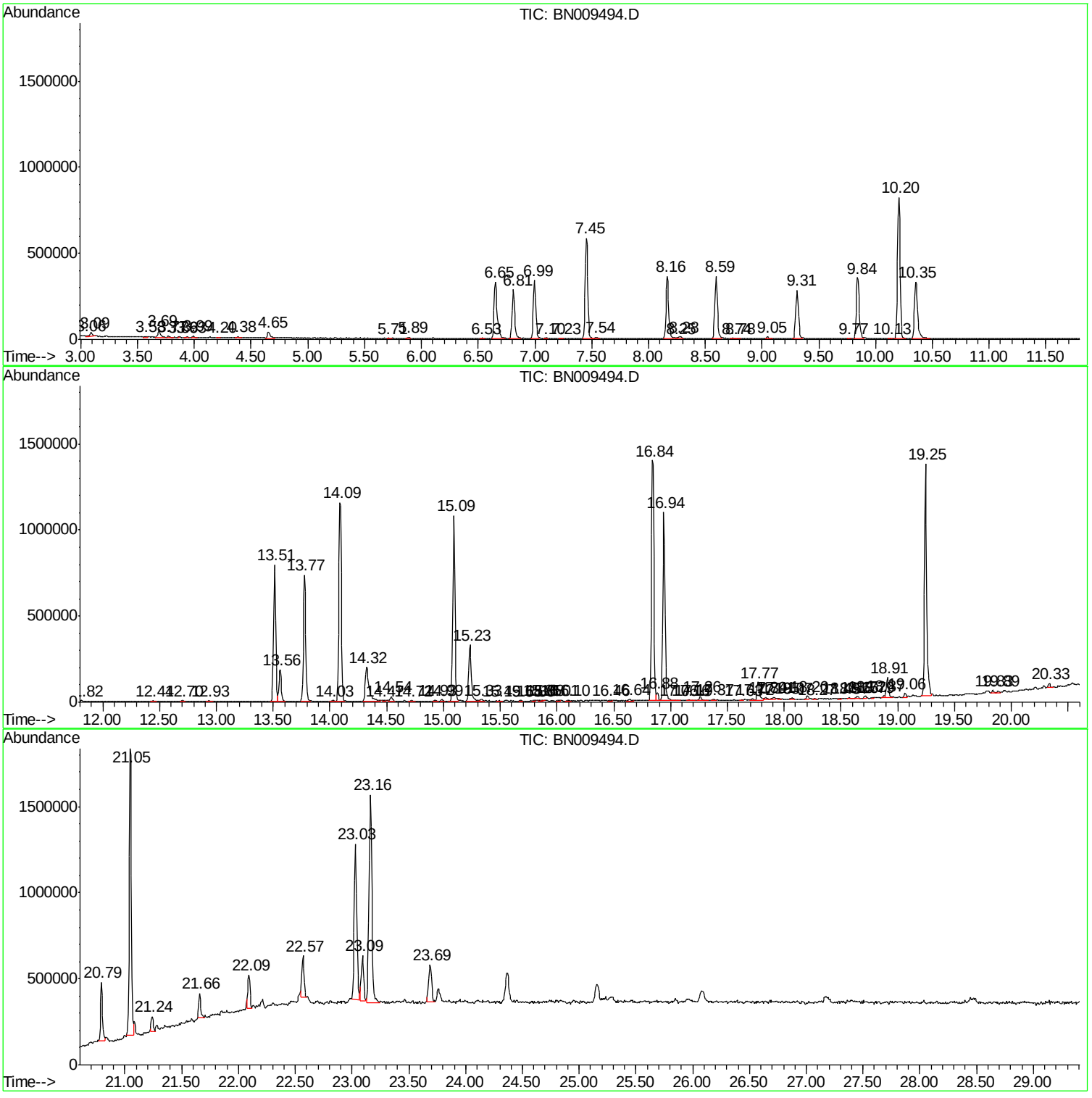
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

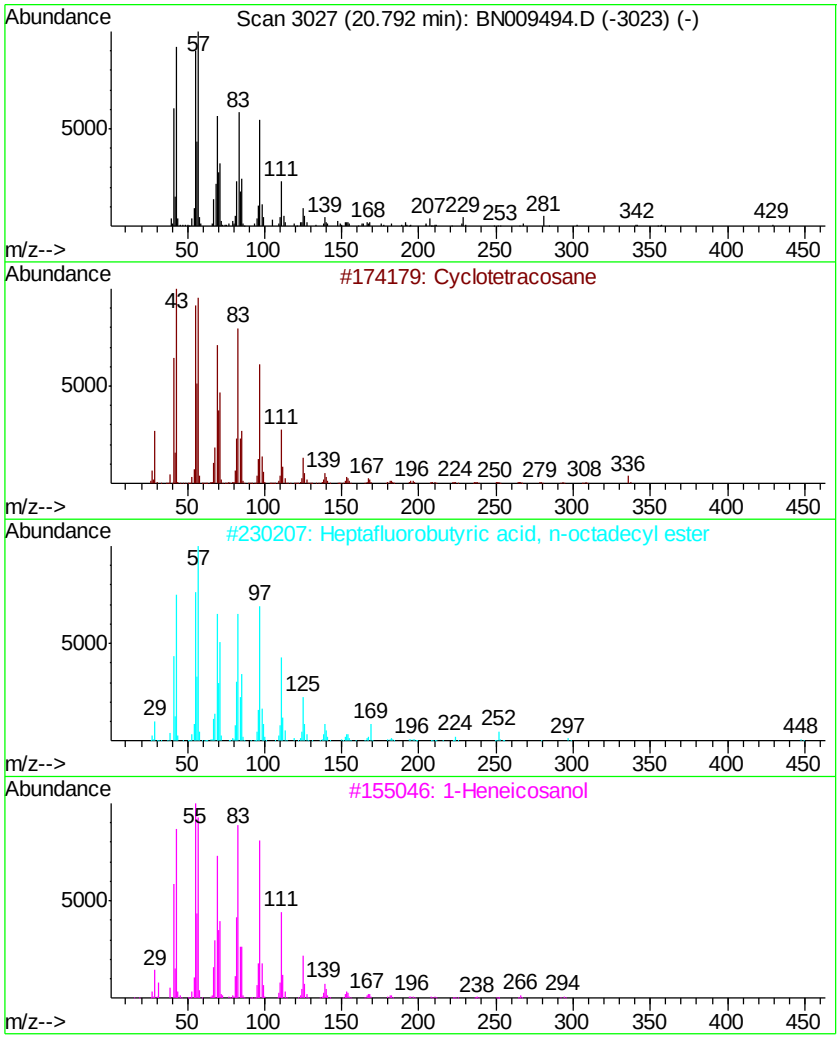
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

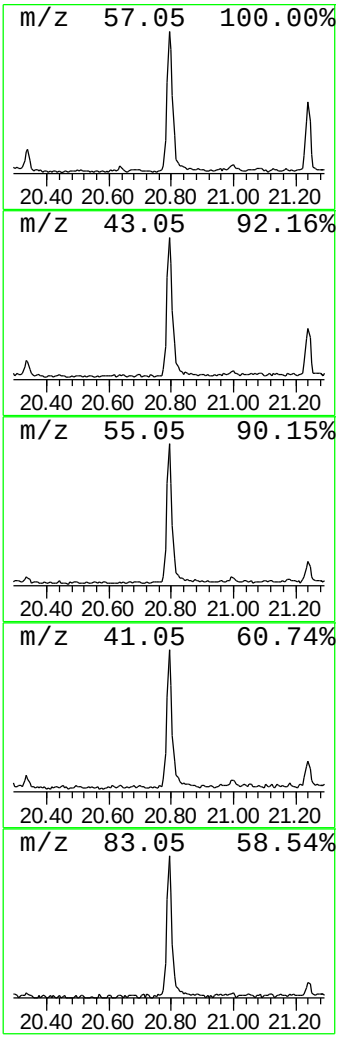
****

Peak Number 1 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.69 ng/ul	412966	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	1-Docosene	308	C22H44	001599-67-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

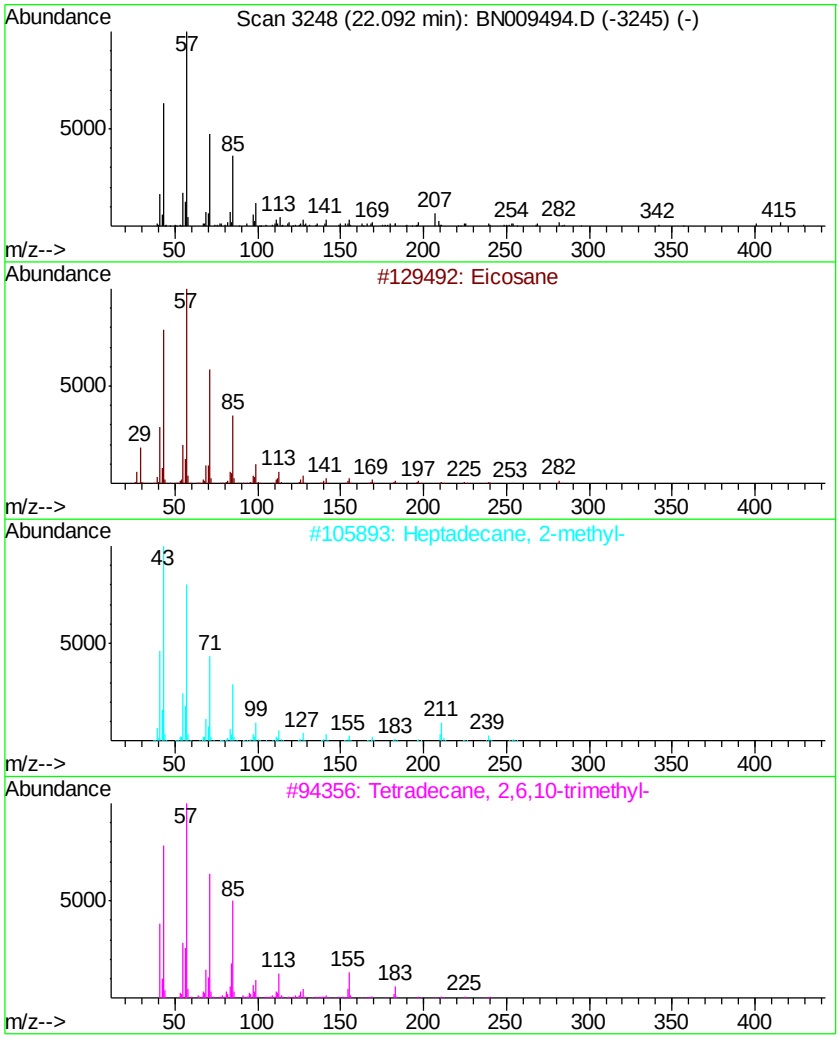
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

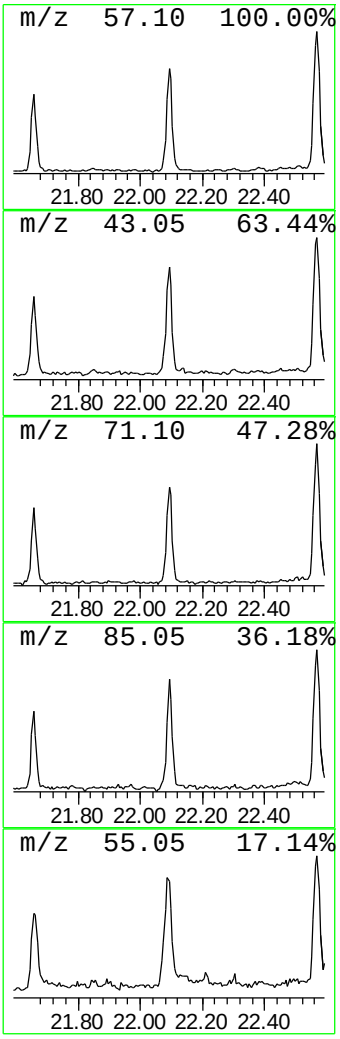
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.28 ng/ul	255401	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

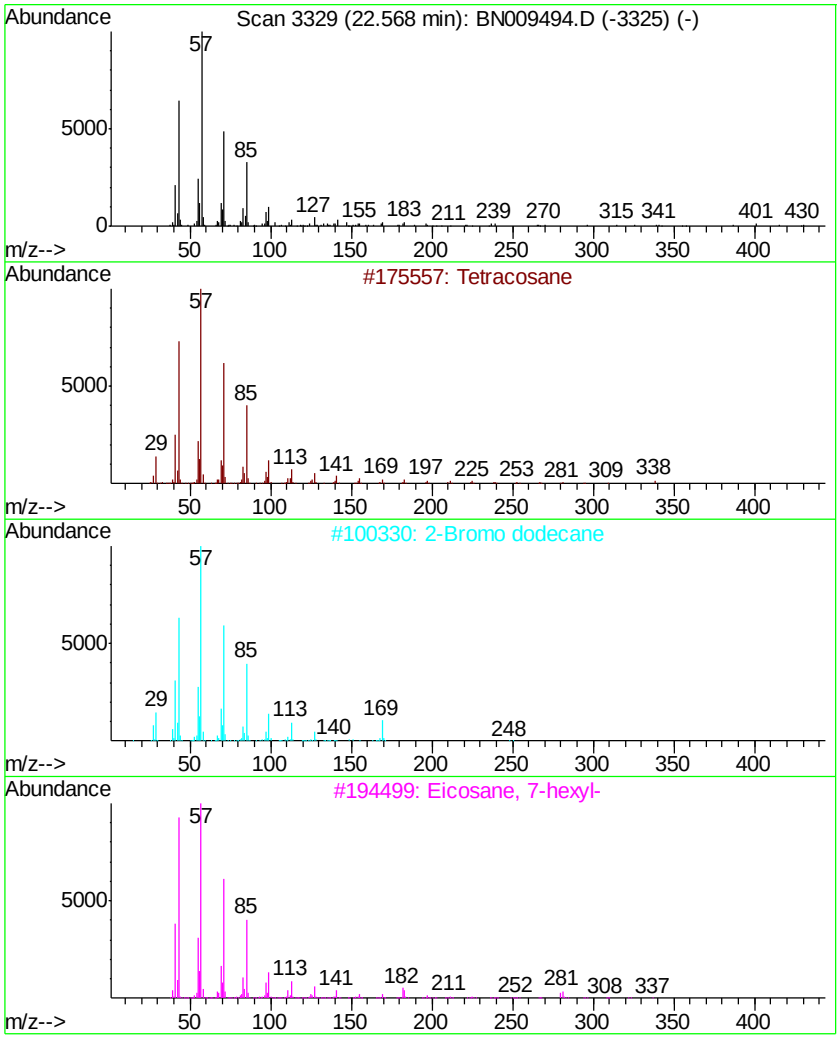
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

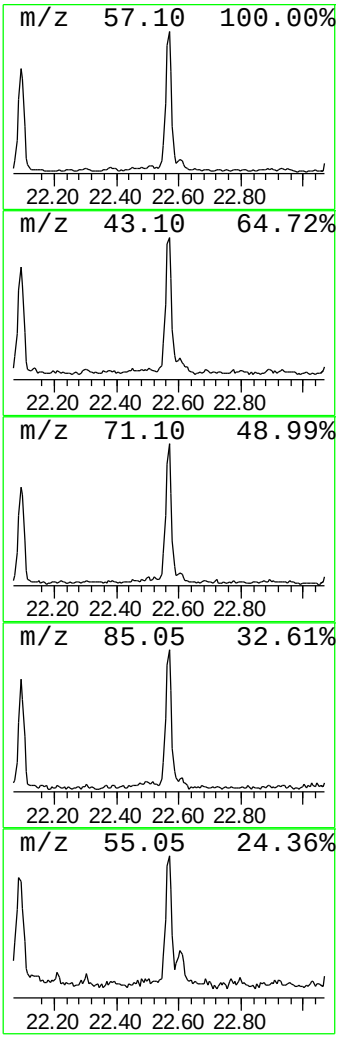
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.99 ng/ul	326863	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Octadecane	254	C18H38	000593-45-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

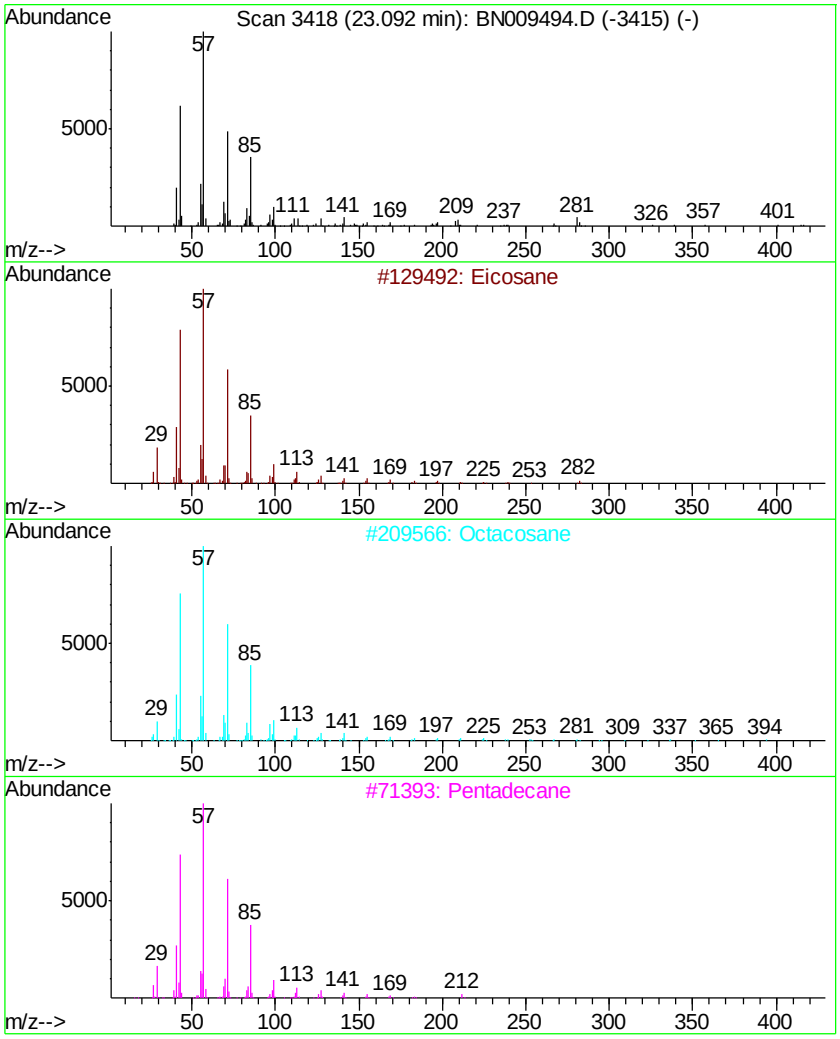
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

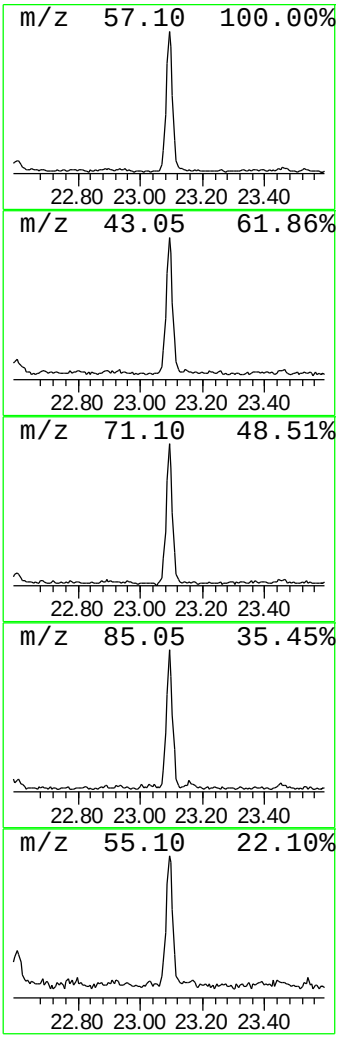
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	3.34 ng/ul	366104	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	76
3	Pentadecane	212	C15H32	000629-62-9	74
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Heptacosane	380	C27H56	000593-49-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

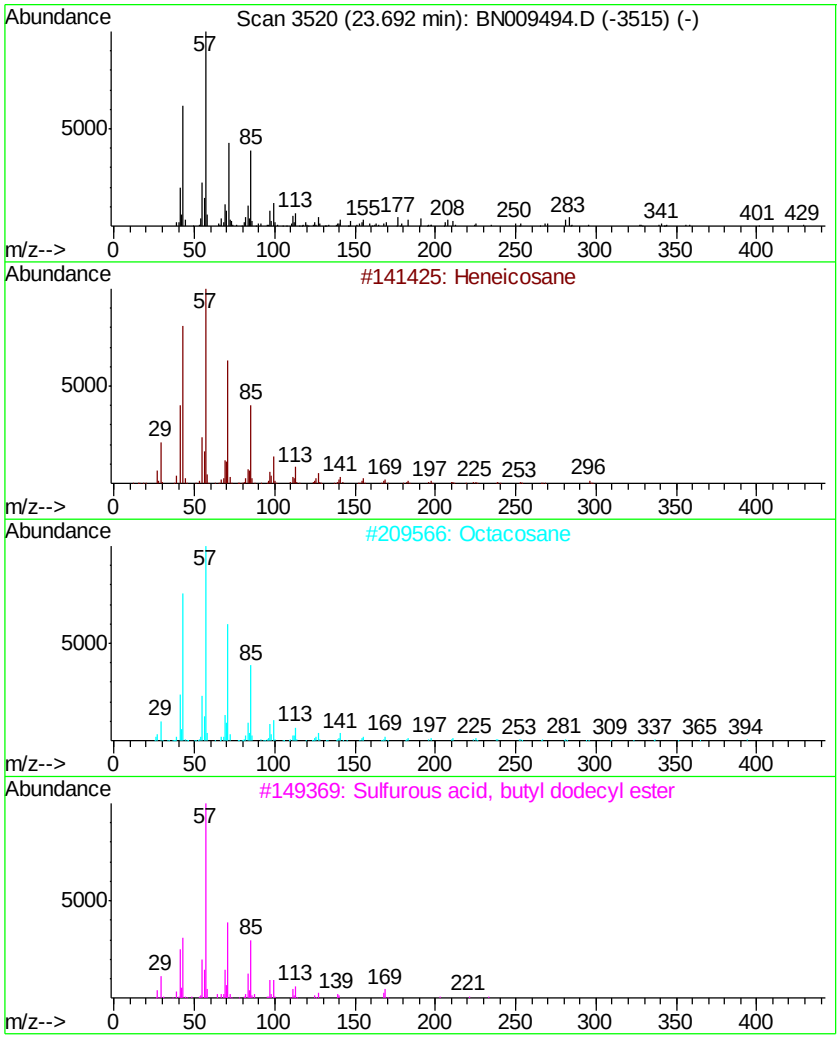
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

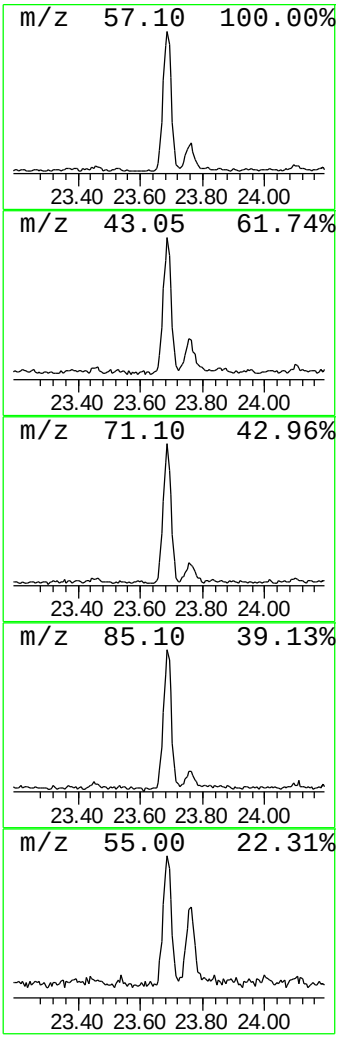
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.39 ng/ul	371303	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	83
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009494.D
Acq On : 31 Jan 2020 03:26
Operator : CG/JU
Sample : L1300-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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: Cyc...	20.79	3.7	ng/ul	412966	5	21.05	2238560	20.0
(DEL) Alkane: Str...	22.09	2.3	ng/ul	255401	5	21.05	2238560	20.0
(DEL) Alkane: Str...	22.57	3.0	ng/ul	326863	6	23.16	2189920	20.0
(DEL) Alkane: Str...	23.09	3.3	ng/ul	366104	6	23.16	2189920	20.0
(DEL) Alkane: Str...	23.69	3.4	ng/ul	371303	6	23.16	2189920	20.0