LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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	3.087	14	17	24	rVB	30063	43639	1.61%	0.120%
2	3.411	70	72	74	rBV3	3907	4092	0.15%	0.011%
3	3.581	97	101	104	rVB6	6098	8172	0.30%	0.022%
4	3.687	114	119	127	rVB2	39792	65412	2.42%	0.179%
5	3.764	130	132	133	rBV	6099	4535	0.17%	0.012%
6	3.869	147	150	154	rVB3	6061	7866	0.29%	0.022%
7	3.987	166	170	174	rVB5	5508	8067	0.30%	0.022%
8	4.140	192	196	197	rVB3	4235	4639	0.17%	0.013%
9	4.205	206	207	213	rVB5	4072	4973	0.18%	0.014%
10	4.381	234	237	243	rBV5	5364	9082	0.34%	0.025%
11	4.575	267	270	273	rVB3	4043	4766	0.18%	0.013%
12	4.652	279	283	292	rBV	42742	68719	2.54%	0.188%
13	5.887	489	493	498	rVB4	5813	8805	0.33%	0.024%
14	6.169	537	541	546	rBV6	5482	10870	0.40%	0.030%
15	6.528	597	602	607	rBV6	6063	12575	0.46%	0.034%
16	6.652	617	623	636	rVV2	474194	854782	31.57%	2.342%
17	6.810	644	650	660	rBV	392042	607671	22.44%	1.665%
18	6.993	675	681	693	rBV	479300	758384	28.01%	2.078%
19	7.099	696	699	703	rVB5	5464	6720	0.25%	0.018%
20	7.452	752	759	770	rBV	709809	1109426	40.97%	3.039%
21	7.534	770	773	779	rVB2	6925	10353	0.38%	0.028%
22	8.163	872	880	892	rBV2	507496	807851	29.84%	2.213%
23	8.275	895	899	907	rVB3	13347	26545	0.98%	0.073%
24	8.593	945	953	965	rVV	511148	842264	31.11%	2.307%
25	8.675	965	967	972	rVV6	3708	6261	0.23%	0.017%
26	8.740	976	978	981	rVV3	4461	5491	0.20%	0.015%
27	8.775	981	984	991	rVB6	3941	8279	0.31%	0.023%
28	9.052	1027	1031	1035	rVB	13599	17602	0.65%	0.048%
29	9.310	1067	1075	1087	rBV	388533	665699	24.59%	1.824%
30	9.840	1157	1165	1173	rBV	529335	894000	33.02%	2.449%
31	10.204	1220	1227	1236	rBV	1008446	1608277	59.40%	4.406%
32	10.351	1246	1252	1269	rBV	477504	880895	32.53%	2.413%
33	11.810	1495	1500	1504	rBV4	7525	10977	0.41%	0.030%
34	12.104	1544	1550	1554	rVB3	4272	5866	0.22%	0.016%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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	12.434	1600	1606	1610	rVB5	5145	8653	0.32%	0.024%
36	12.698	1646	1651	1657	rVB6	6292	10799	0.40%	0.030%
37	12.940	1686	1692	1695	rBV4	4510	8750	0.32%	0.024%
38	13.010	1700	1704	1708	rVB3	3696	5601	0.21%	0.015%
39	13.392	1765	1769	1772	rBV3	2465	4013	0.15%	0.011%
40	13.510	1781	1789	1794	rBV	1055514	1509670	55.76%	4.136%
41	13.563	1794	1798	1804	rVB	291697	409391	15.12%	1.122%
42	13.775	1828	1834	1842	rBV	1104771	1566662	57.86%	4.292%
43	14.034	1873	1878	1880	rVB3	5833	8341	0.31%	0.023%
44	14.087	1881	1887	1895	rBV	1374576	2094687	77.36%	5.738%
45	14.322	1921	1927	1942	rBV	360912	683867	25.26%	1.873%
46	14.539	1960	1964	1969	rVV7	12211	19613	0.72%	0.054%
47	14.581	1969	1971	1975	rVB4	3650	4552	0.17%	0.012%
48	14.716	1989	1994	1997	rBV4	3868	5773	0.21%	0.016%
49	14.922	2025	2029	2036	rBV5	9398	18215	0.67%	0.050%
50	14.986	2036	2040	2046	rVB3	11447	17200	0.64%	0.047%
51	15.092	2052	2058	2067	rVV	1475157	2049890	75.71%	5.616%
52	15.234	2076	2082	2095	rBV	497805	739621	27.32%	2.026%
53	15.334	2095	2099	2104	rVV4	14929	21425	0.79%	0.059%
54	15.392	2104	2109	2112	rVB3	2445	4912	0.18%	0.013%
55	15.545	2132	2135	2139	rBV4	4464	5234	0.19%	0.014%
56	15.822	2175	2182	2184	rVV6	5098	10111	0.37%	0.028%
57	15.851	2184	2187	2189	rVV4	8745	11051	0.41%	0.030%
58	15.875	2189	2191	2195	rVB5	6660	8064	0.30%	0.022%
59	16.016	2209	2215	2222	rVB8	7436	15266	0.56%	0.042%
60	16.098	2224	2229	2233	rVV5	7309	9053	0.33%	0.025%
61	16.639	2317	2321	2326	rBV5	13847	21909	0.81%	0.060%
62	16.781	2342	2345	2346	rBV3	4520	4264	0.16%	0.012%
63	16.839	2349	2355	2361	rVV	1697012	2400530	88.66%	6.576%
64	16.881	2361	2362	2367	rVV	38730	37270	1.38%	0.102%
65	16.939	2367	2372	2382	rVV2	1519617	2083472	76.95%	5.708%
66	17.057	2389	2392	2397	rBV5	3085	5314	0.20%	0.015%
67	17.257	2422	2426	2430	rBV3	16003	20244	0.75%	0.055%
68	17.380	2444	2447	2450	rBV3	10494	10979	0.41%	0.030%
69	17.657	2488	2494	2495	rBV5	7341	8843	0.33%	0.024%
70	17.716	2501	2504	2509	rBV7	8242	13818	0.51%	0.038%
71	17.769	2509	2513	2520	rBV2	118579	176036	6.50%	0.482%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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	17.892	2530	2534	2535	rBV4	3245	4112	0.15%	0.011%
73	17.916	2535	2538	2541	rVV4	9045	11265	0.42%	0.031%
74	18.069	2560	2564	2570	rVB5	13431	22590	0.83%	0.062%
75	18.198	2584	2586	2591	rBV5	11758	18751	0.69%	0.051%
76	18.269	2596	2598	2602	rBV5	5801	7508	0.28%	0.021%
77	18.328	2605	2608	2612	rBV6	6823	9271	0.34%	0.025%
78	18.445	2626	2628	2632	rVB5	4136	4752	0.18%	0.013%
79	18.533	2639	2643	2644	rBV4	4943	6627	0.24%	0.018%
80	18.639	2658	2661	2662	rBV3	11013	10785	0.40%	0.030%
81	18.716	2670	2674	2677	rVB2	16340	19421	0.72%	0.053%
82	18.786	2684	2686	2688	rBV3	4899	4173	0.15%	0.011%
83	18.875	2697	2701	2703	rBV	20216	26907	0.99%	0.074%
84	18.910	2703	2707	2713	rVB	106343	148251	5.48%	0.406%
85	19.063	2729	2733	2738	rBV4	28882	44466	1.64%	0.122%
86	19.133	2741	2745	2748	rVV2	13574	20128	0.74%	0.055%
87	19.245	2758	2764	2772	rBV	1861152	2529335	93.41%	6.929%
88	19.798	2853	2858	2861	rVB7	16941	29628	1.09%	0.081%
89	19.839	2862	2865	2868	rVB3	19014	20178	0.75%	0.055%
90	20.339	2947	2950	2954	rVB	27800	30435	1.12%	0.083%
91	20.792	3023	3027	3042	rVB2	478479	679685	25.10%	1.862%
92	21.051	3065	3071	3075	rBV	2042643	2707635	100.00%	7.418%
93	21.239	3100	3103	3107	rBV	126366	142354	5.26%	0.390%
94	21.663	3171	3175	3181	rBV2	197140	270551	9.99%	0.741%
95	22.098	3244	3249	3253	rVB2	249889	360393	13.31%	0.987%
96	22.574	3326	3330	3333	rVB	280197	356178	13.15%	0.976%
97	23.033	3402	3408	3414	rBV	1268868	2125206	78.49%	5.822%
98	23.098	3415	3419	3423	rVB	289755	437988	16.18%	1.200%
99	23.163	3424	3430	3440	rVB	1435015	2561347	94.60%	7.017%
100	23.692	3515	3520	3526	rVB	270410	465920	17.21%	1.276%

Sum of corrected areas: 36502488

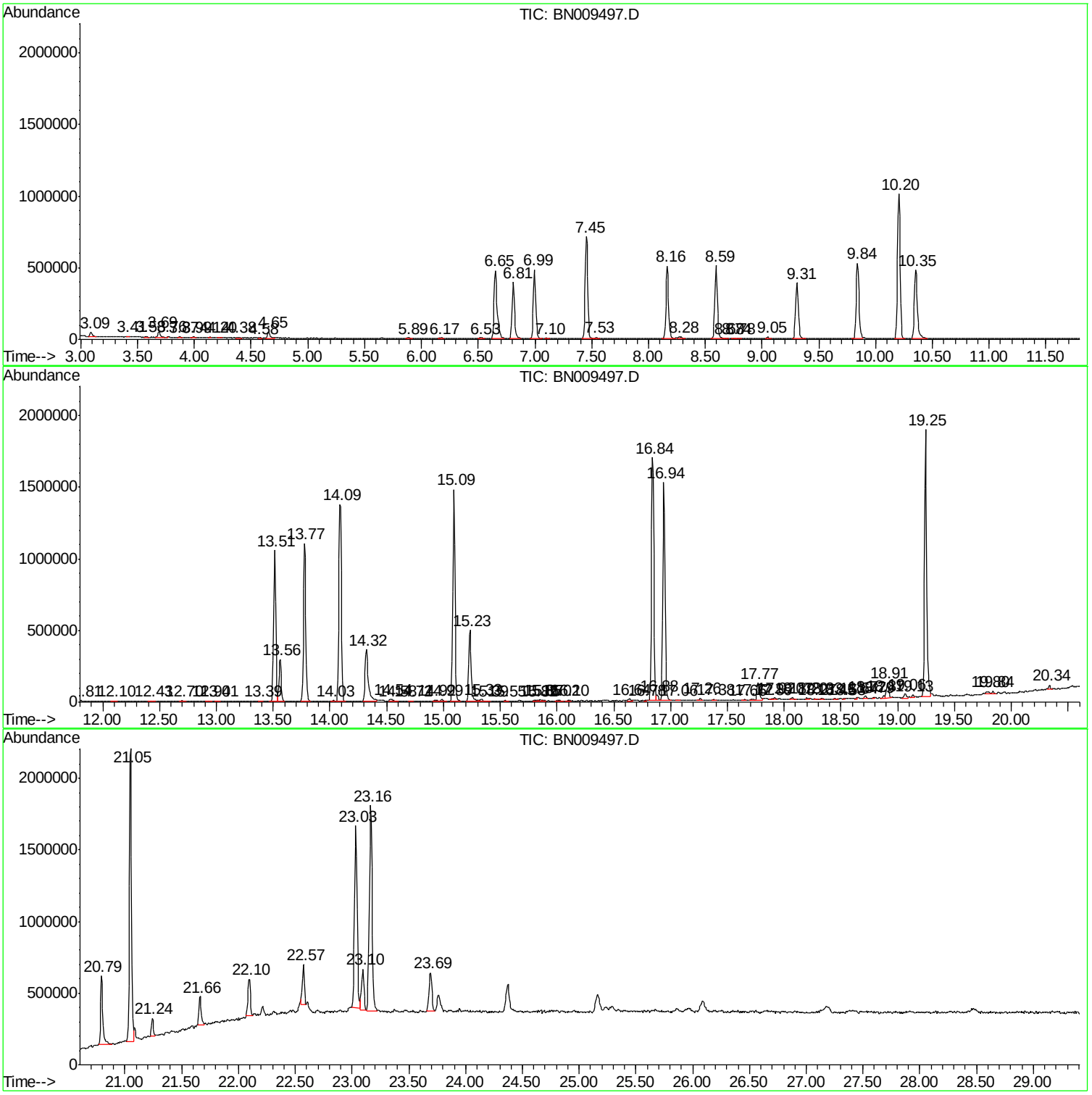
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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 : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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

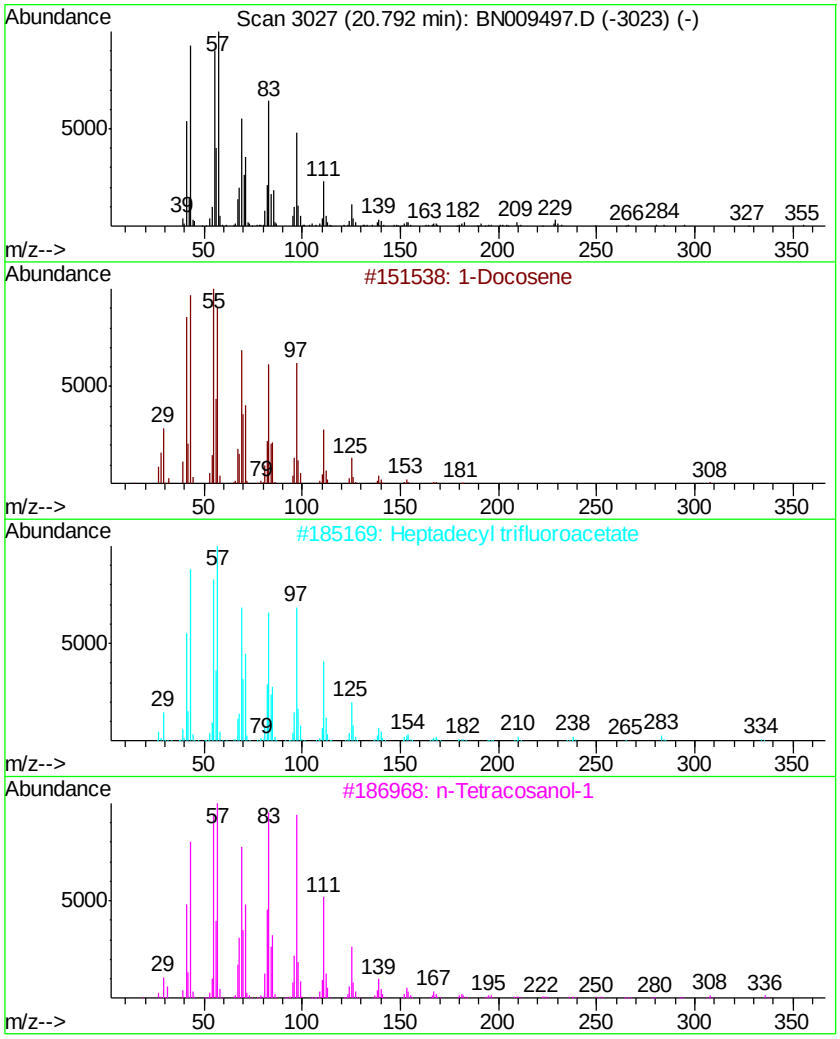
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

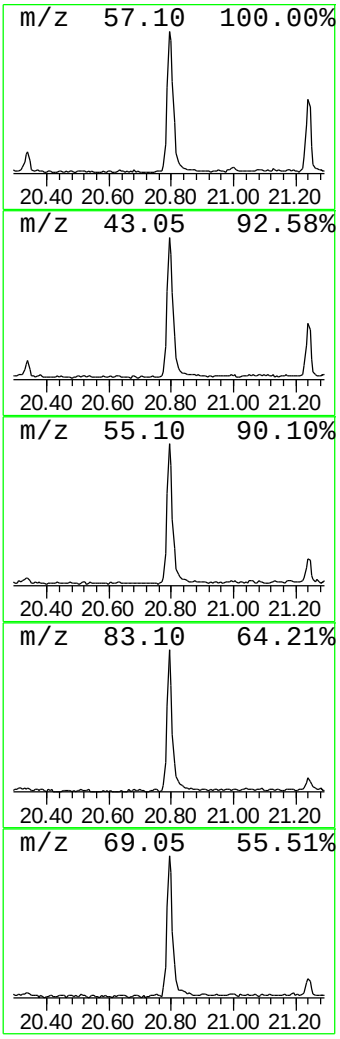
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.02 ng/ul	679685	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

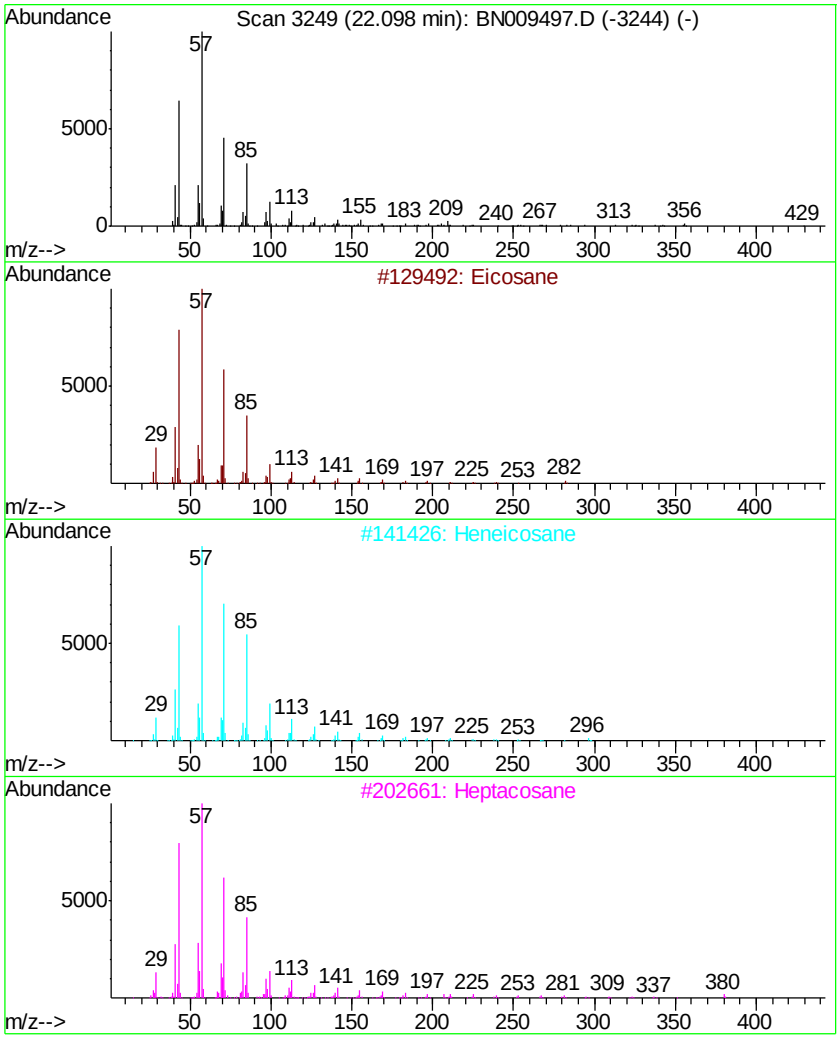
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

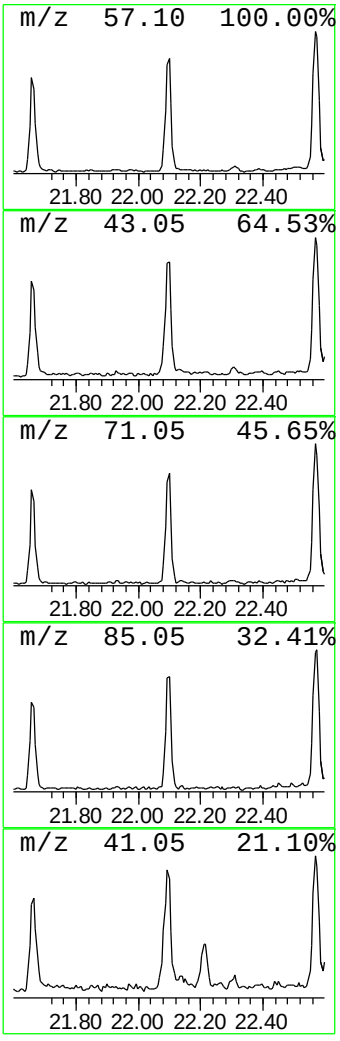
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.66 ng/ul	360393	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Octacosane	394	C28H58	000630-02-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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

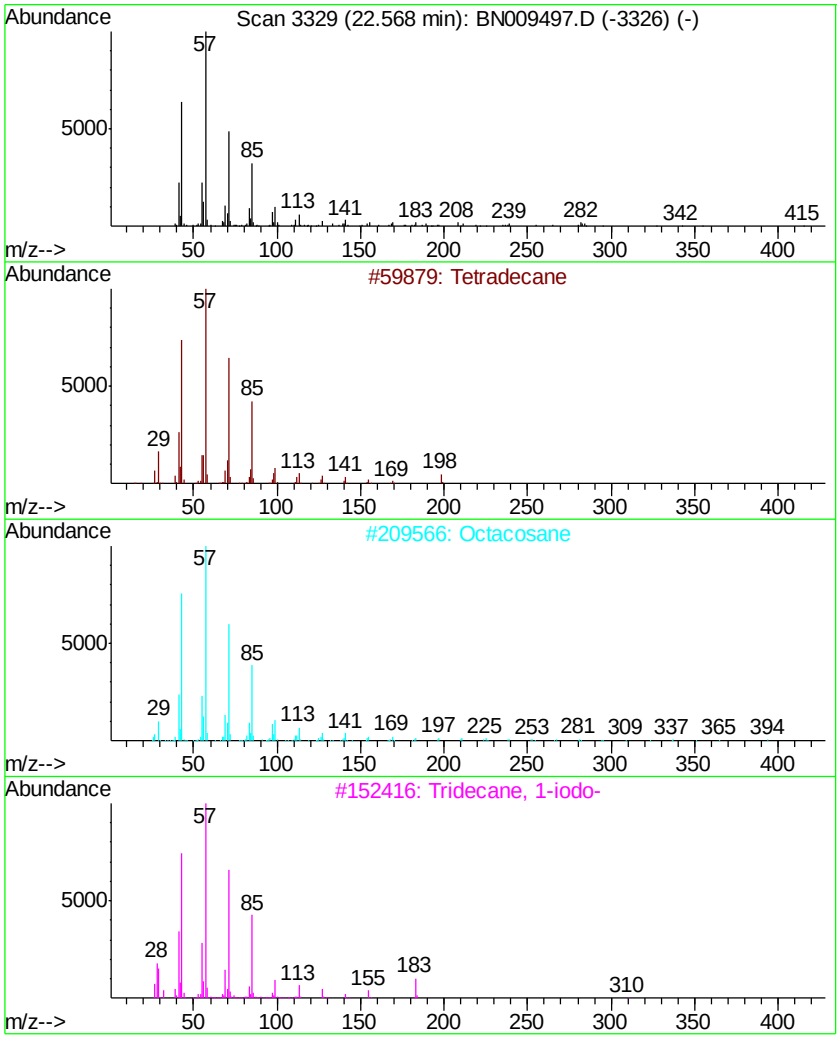
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

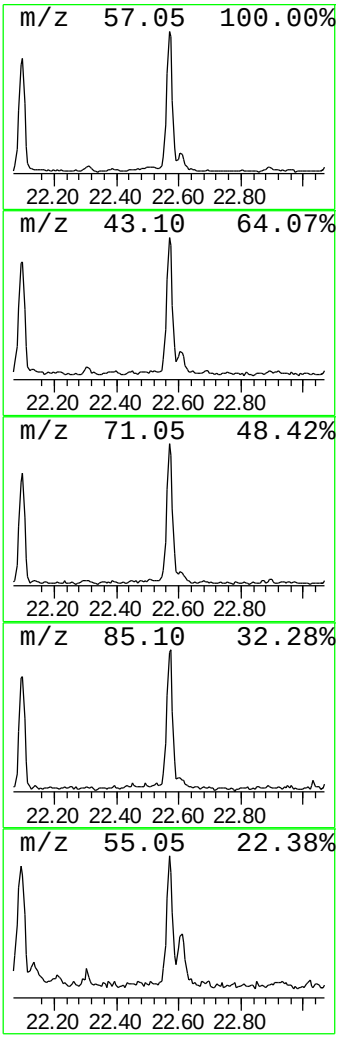
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.78 ng/ul	356178	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Hentriacontane	437	C31H64	000630-04-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

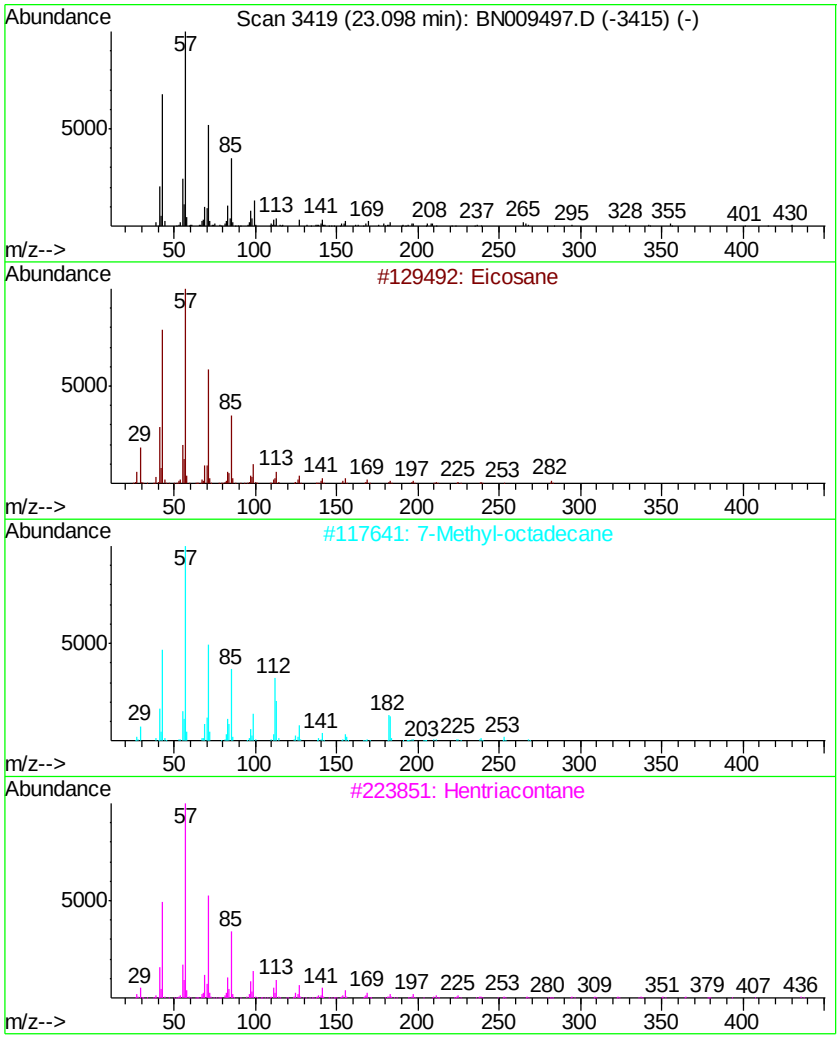
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

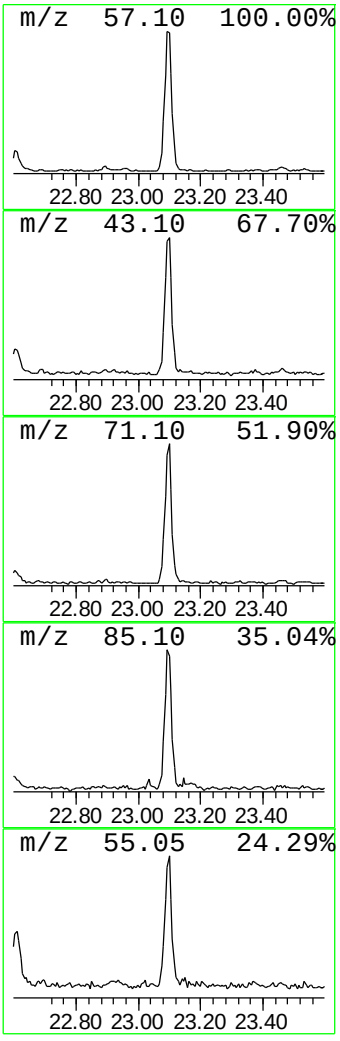
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	3.42 ng/ul	437988	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	7-Methyl-octadecane	268	C19H40	1000192-63-3	80
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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

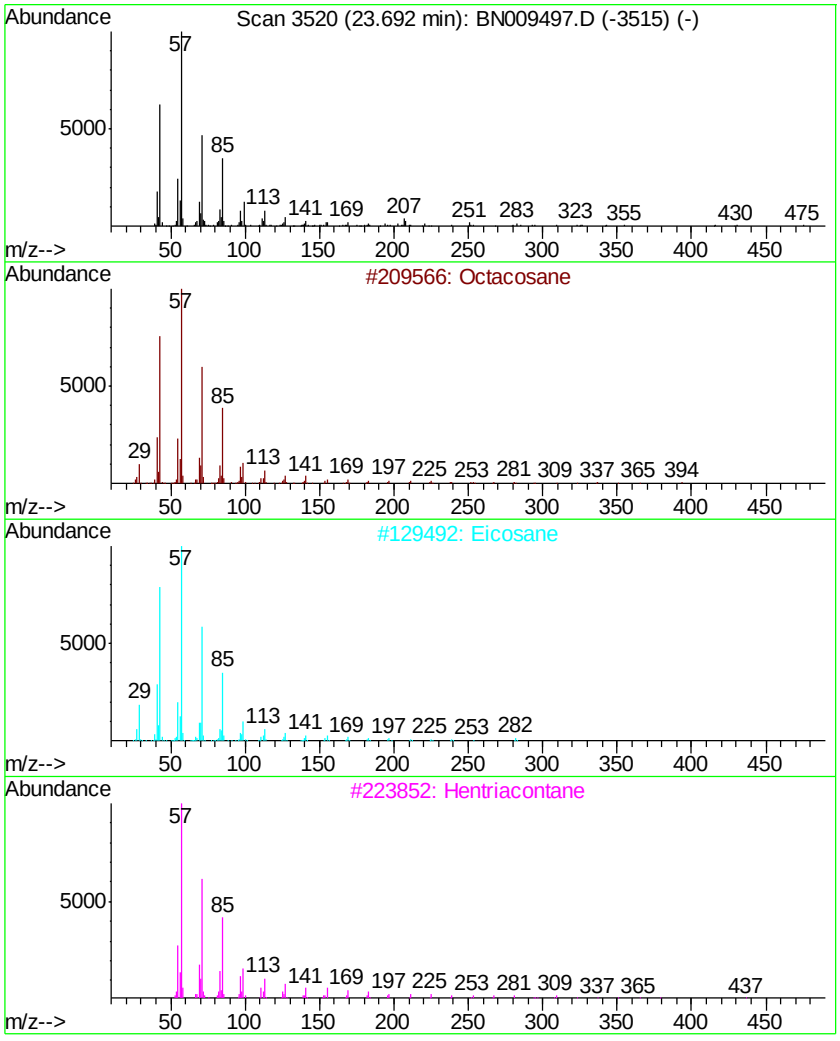
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

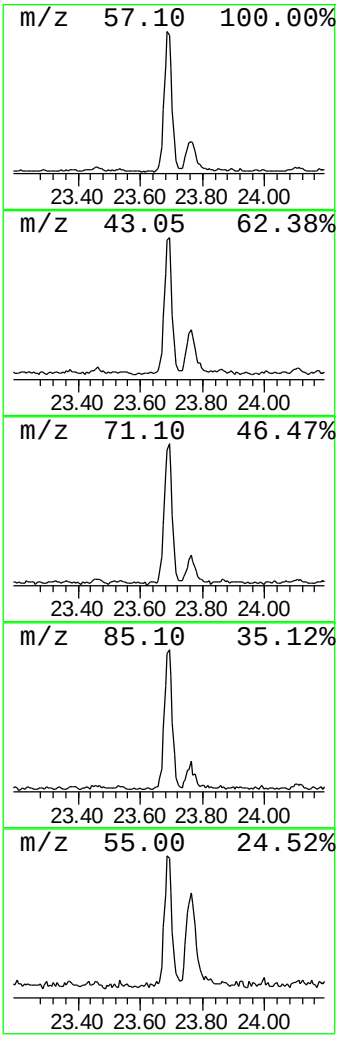
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.64 ng/ul	465920	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009497.D
Acq On : 31 Jan 2020 05:14
Operator : CG/JU
Sample : L1300-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AR8

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: Str...	20.79	5.0	ng/ul	679685	5	21.05	2707640	20.0
(DEL) Alkane: Str...	22.10	2.7	ng/ul	360393	5	21.05	2707640	20.0
(DEL) Alkane: Str...	22.57	2.8	ng/ul	356178	6	23.16	2561350	20.0
(DEL) Alkane: Str...	23.10	3.4	ng/ul	437988	6	23.16	2561350	20.0
(DEL) Alkane: Str...	23.69	3.6	ng/ul	465920	6	23.16	2561350	20.0