LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

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-BN020320MA.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	3.081	13	16	26	rVB3	15483	27797	1.19%	0.119%
2	3.210	37	38	42	rBV3	3272	4741	0.20%	0.020%
3	3.475	80	83	85	rVB3	3479	2946	0.13%	0.013%
4	3.563	95	98	102	rBV4	13207	17478	0.75%	0.075%
5	3.628	107	109	112	rVB4	3273	3163	0.14%	0.014%
6	3.681	112	118	128	rVB	28074	47357	2.04%	0.203%
7	3.763	128	132	136	rBV3	7153	10218	0.44%	0.044%
8	3.857	145	148	153	rBV6	5143	6103	0.26%	0.026%
9	4.640	274	281	291	rBV	30165	51883	2.23%	0.222%
10	4.840	311	315	318	rBV3	2124	2870	0.12%	0.012%
11	6.169	537	541	543	rVV4	2879	3144	0.14%	0.013%
12	6.204	545	547	551	rVB3	3487	3277	0.14%	0.014%
13	6.640	616	621	634	rBV2	245852	449177	19.31%	1.926%
14	6.798	642	648	658	rBV	184393	296914	12.76%	1.273%
15	6.881	661	662	668	rVB4	2898	4059	0.17%	0.017%
16	6.981	672	679	687	rBV	257640	404827	17.40%	1.736%
17	7.087	693	697	706	rVB6	3579	7496	0.32%	0.032%
18	7.310	730	735	739	rBV6	1799	3932	0.17%	0.017%
19	7.440	749	757	769	rBV	607054	941427	40.47%	4.037%
20	7.528	769	772	775	rBV3	4050	4387	0.19%	0.019%
21	7.575	778	780	786	rVB4	5201	6299	0.27%	0.027%
22	7.657	793	794	800	rBV4	2461	3947	0.17%	0.017%
23	7.745	805	809	814	rVV3	6566	8090	0.35%	0.035%
24	8.104	867	870	873	rBV4	9624	12946	0.56%	0.056%
25	8.157	873	879	887	rVB2	178740	302125	12.99%	1.295%
26	8.263	892	897	904	rVB3	21703	37105	1.60%	0.159%
27	8.540	940	944	946	rBV2	16082	21855	0.94%	0.094%
28	8.581	946	951	964	rVB	237872	400888	17.23%	1.719%
29	9.028	1023	1027	1030	rBV4	3610	4833	0.21%	0.021%
30	9.298	1066	1073	1082	rBV	183627	313987	13.50%	1.346%
31	9.828	1156	1163	1180	rBV	251303	459353	19.75%	1.970%
32	10.192	1217	1225	1236	rVB	792342	1316088	56.58%	5.643%
33	10.345	1243	1251	1262	rBV	205795	418635	18.00%	1.795%
34	11.798	1493	1498	1501	rBV4	3757	6161	0.26%	0.026%

LSC Area Percent Report

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Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

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-BN020320MA.M
Title : SVOA CALIBRATION

35	12.510	1615	1619	1624	rVB5	2629	3375	0.15%	0.014%
36	12.686	1645	1649	1654	rVB4	3349	5617	0.24%	0.024%
37	13.380	1764	1767	1770	rBV3	2442	3483	0.15%	0.015%
38	13.498	1781	1787	1792	rBV	501632	699493	30.07%	2.999%
39	13.551	1792	1796	1805	rVB	234237	341463	14.68%	1.464%
40	13.763	1826	1832	1842	rBV	564810	799704	34.38%	3.429%
41	14.075	1878	1885	1893	rBV2	1193653	1720996	73.98%	7.379%
42	14.316	1920	1926	1943	rBV2	120794	258343	11.11%	1.108%
43	14.527	1958	1962	1963	rBV4	8306	9833	0.42%	0.042%
44	14.563	1967	1968	1975	rVB4	2906	3541	0.15%	0.015%
45	14.698	1990	1991	1997	rBV4	2096	3015	0.13%	0.013%
46	14.916	2024	2028	2031	rBV3	2502	3647	0.16%	0.016%
47	14.974	2033	2038	2044	rVB4	5169	7830	0.34%	0.034%
48	15.080	2047	2056	2064	rBV	744820	1024138	44.03%	4.391%
49	15.227	2076	2081	2094	rBV	139099	227256	9.77%	0.974%
50	15.322	2095	2097	2102	rVB2	5240	5429	0.23%	0.023%
51	15.598	2142	2144	2150	rVB4	1926	3059	0.13%	0.013%
52	15.663	2152	2155	2157	rBV4	2948	3515	0.15%	0.015%
53	15.774	2172	2174	2178	rVV2	2938	3922	0.17%	0.017%
54	15.833	2182	2184	2187	rVV4	3527	5168	0.22%	0.022%
55	15.869	2187	2190	2195	rVB4	4118	6026	0.26%	0.026%
56	16.004	2208	2213	2215	rBV5	2226	3366	0.14%	0.014%
57	16.398	2275	2280	2284	rBV4	15953	21981	0.94%	0.094%
58	16.533	2301	2303	2306	rBV3	2409	3083	0.13%	0.013%
59	16.621	2313	2318	2322	rBV3	7147	12486	0.54%	0.054%
60	16.769	2339	2343	2344	rBV3	3163	4077	0.18%	0.017%
61	16.827	2348	2353	2359	rVV	1447686	2001717	86.05%	8.583%
62	16.869	2359	2360	2365	rVV	20267	22107	0.95%	0.095%
63	16.927	2365	2370	2381	rVB	774334	1067570	45.89%	4.578%
64	17.057	2387	2392	2395	rVB5	4895	6690	0.29%	0.029%
65	17.092	2395	2398	2401	rVB4	2392	3203	0.14%	0.014%
66	17.251	2417	2425	2428	rBV3	18240	29299	1.26%	0.126%
67	17.286	2428	2431	2433	rVB4	2811	3615	0.16%	0.016%
68	17.416	2451	2453	2455	rVB3	3093	2915	0.13%	0.012%
69	17.439	2455	2457	2461	rBV3	3435	4046	0.17%	0.017%
70	17.568	2476	2479	2484	rBV5	4136	5589	0.24%	0.024%
71	17.757	2507	2511	2518	rBV3	59783	91279	3.92%	0.391%

LSC Area Percent Report

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Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

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-BN020320MA.M
Title : SVOA CALIBRATION

72	17.827	2521	2523	2526	rVB4	6911	7136	0.31%	0.031%
73	17.951	2542	2544	2548	rVB5	5425	5288	0.23%	0.023%
74	18.010	2551	2554	2557	rBV4	3728	4804	0.21%	0.021%
75	18.068	2560	2564	2567	rVV6	6121	8306	0.36%	0.036%
76	18.163	2576	2580	2581	rBV4	3494	3797	0.16%	0.016%
77	18.198	2582	2586	2589	rVV5	14952	15469	0.66%	0.066%
78	18.257	2594	2596	2599	rBV3	3798	4363	0.19%	0.019%
79	18.321	2604	2607	2611	rVB6	7079	9587	0.41%	0.041%
80	18.557	2645	2647	2650	rBV3	3384	3068	0.13%	0.013%
81	18.710	2668	2673	2674	rBV4	6784	10731	0.46%	0.046%
82	18.786	2681	2686	2687	rBV5	6322	8957	0.39%	0.038%
83	18.810	2687	2690	2693	rVB5	4990	7397	0.32%	0.032%
84	18.863	2696	2699	2702	rBV4	9920	14037	0.60%	0.060%
85	18.898	2702	2705	2710	rVB	54782	66514	2.86%	0.285%
86	19.051	2728	2731	2734	rBV4	12151	18713	0.80%	0.080%
87	19.233	2756	2762	2774	rBV	1060355	1448287	62.26%	6.210%
88	19.310	2774	2775	2776	rBV	6453	2845	0.12%	0.012%
89	19.645	2830	2832	2834	rBV3	6946	6079	0.26%	0.026%
90	19.827	2861	2863	2867	rVB4	13436	14861	0.64%	0.064%
91	20.786	3022	3026	3032	rBV2	248908	330086	14.19%	1.415%
92	21.039	3064	3069	3074	rBV2	1836703	2326197	100.00%	9.974%
93	21.233	3099	3102	3105	rBV	75861	77026	3.31%	0.330%
94	21.651	3170	3173	3179	rBV	132822	159513	6.86%	0.684%
95	22.086	3244	3247	3253	rVB2	171754	223953	9.63%	0.960%
96	22.562	3324	3328	3332	rBV	224417	295727	12.71%	1.268%
97	23.021	3401	3406	3412	rBV	764847	1251504	53.80%	5.366%
98	23.086	3413	3417	3422	rVB	231530	372920	16.03%	1.599%
99	23.156	3423	3429	3436	rVB	1280931	2207526	94.90%	9.466%
100	23.674	3513	3517	3523	rVB	228374	389623	16.75%	1.671%

Sum of corrected areas: 23321698

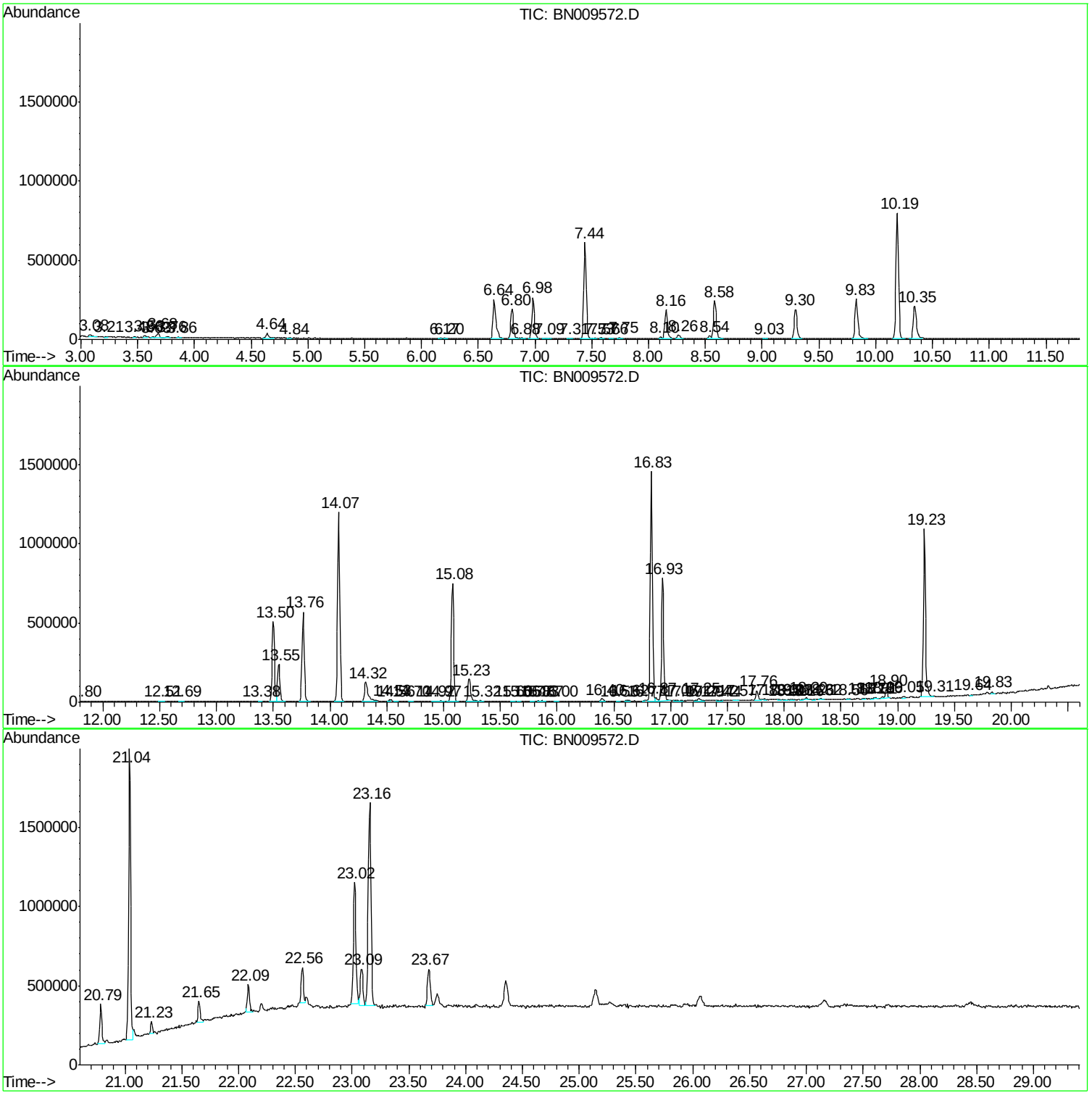
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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\BN020320\
Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

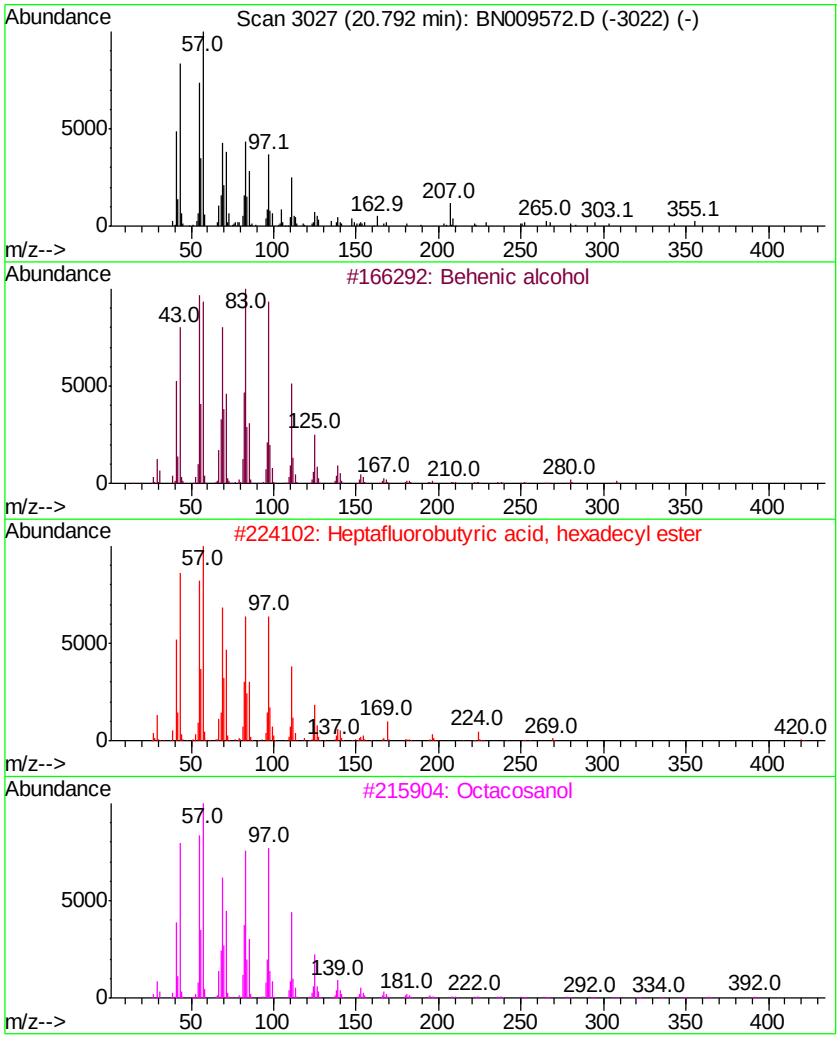
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

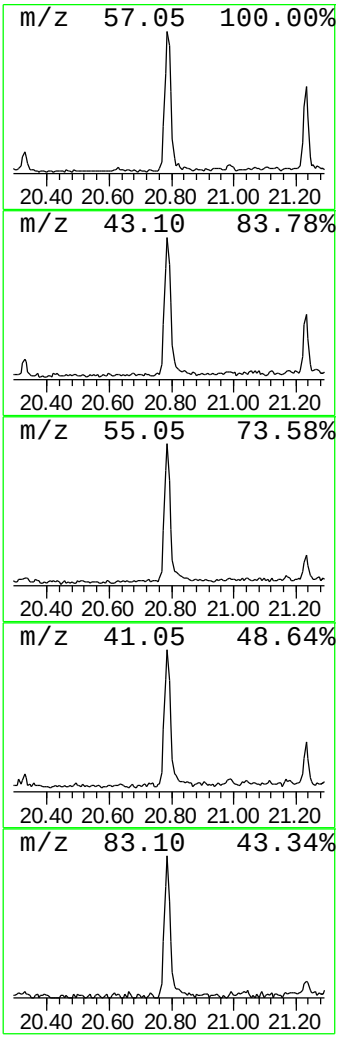
****

Peak Number 1 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.84 ng/ul	330086	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	90
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
3	Octacosanol	410	C28H58O	000557-61-9	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

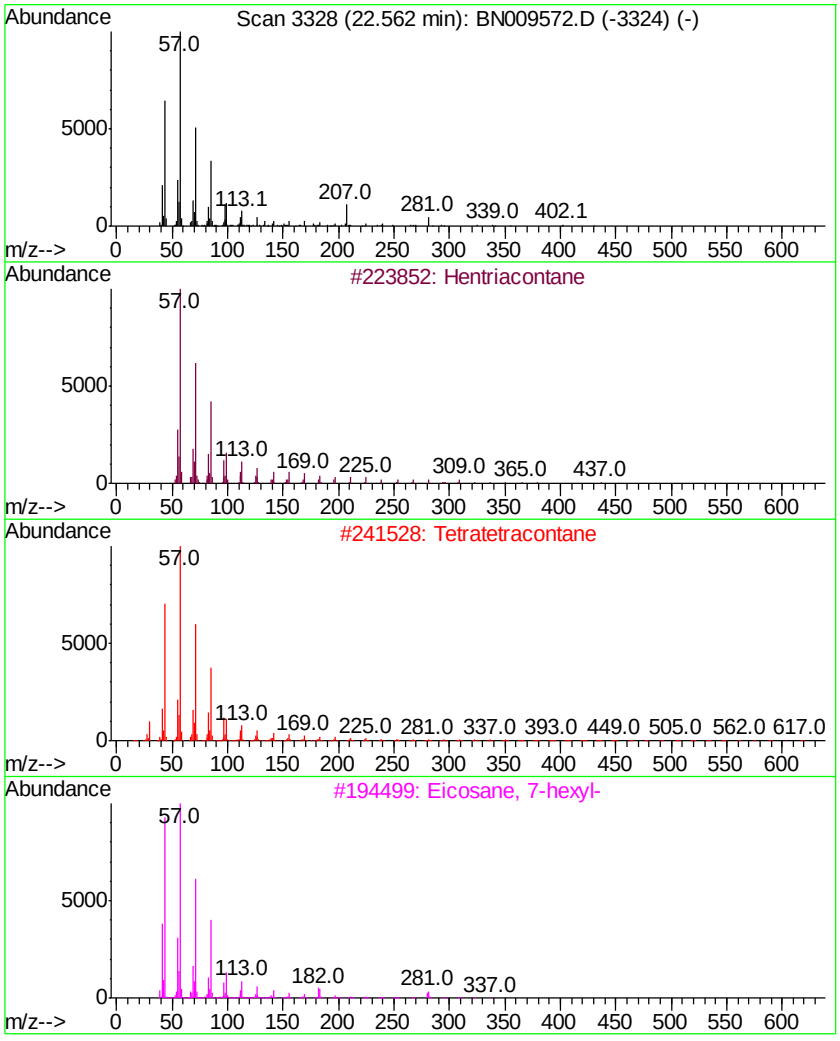
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

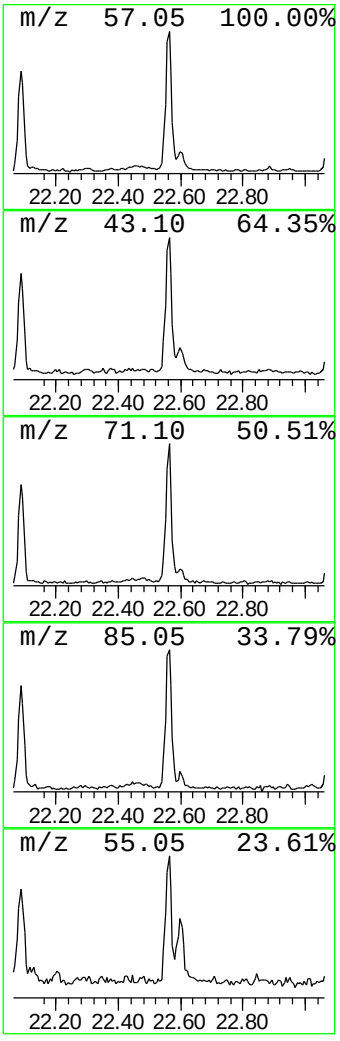
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.68 ng/ul	295727	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	83
2	Tetratetracontane	619	C44H90	007098-22-8	81
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
4	Heptacosane	380	C27H56	000593-49-7	74
5	Octacosane	394	C28H58	000630-02-4	74





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Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

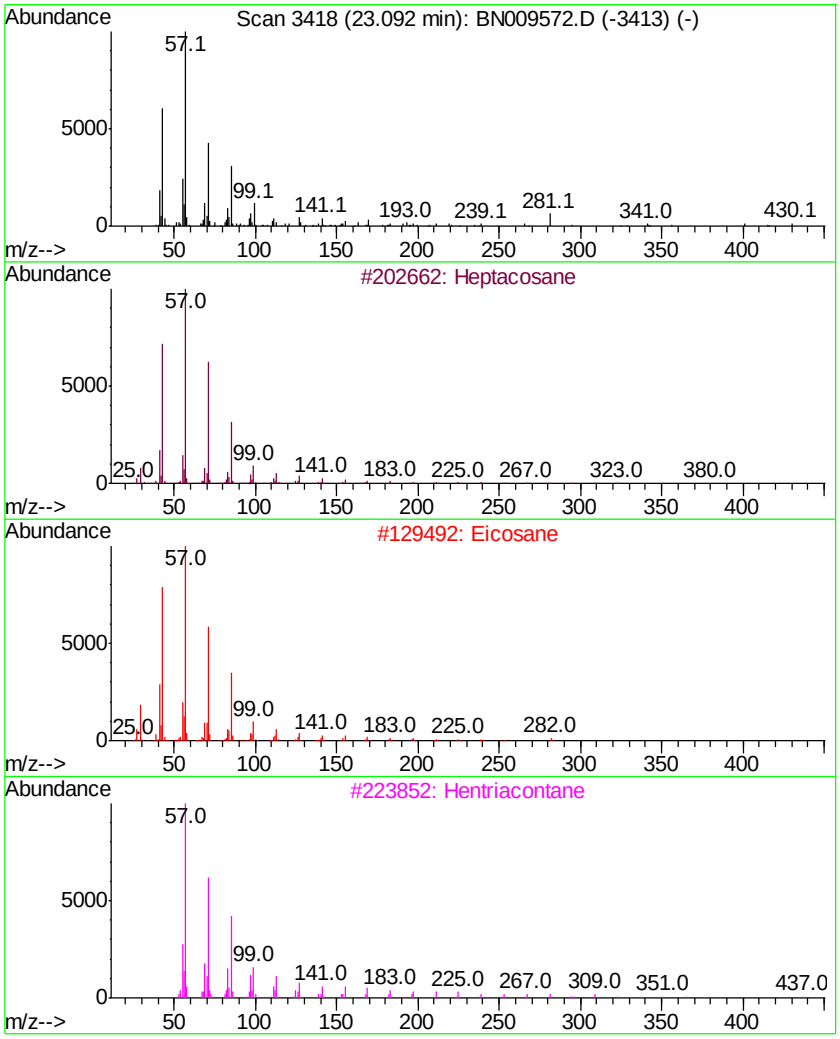
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

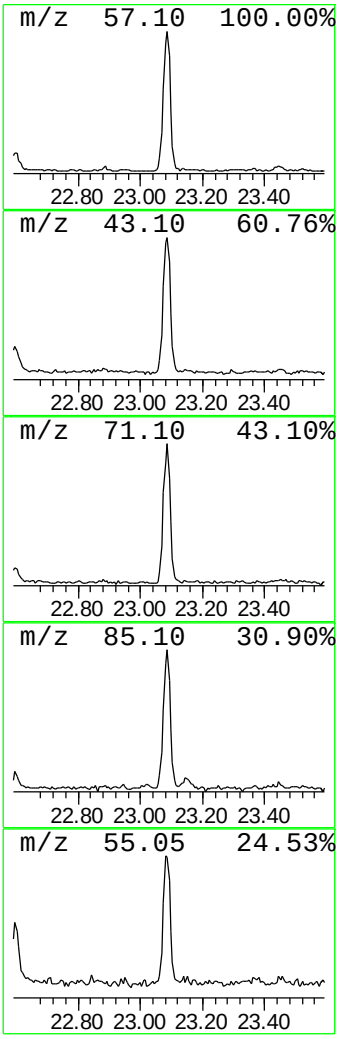
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	3.38 ng/ul	372920	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
5	Octacosane	394	C28H58	000630-02-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

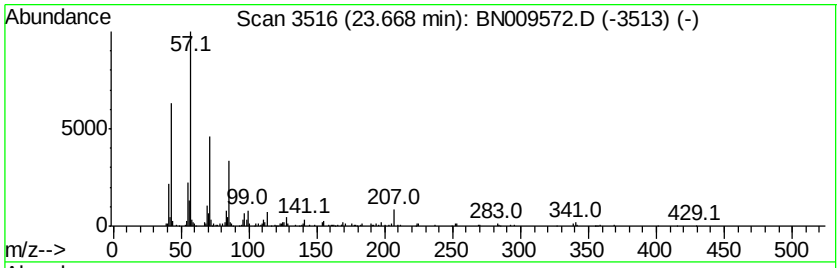
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

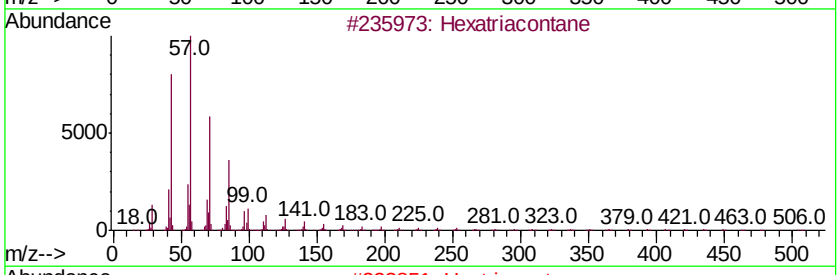
****

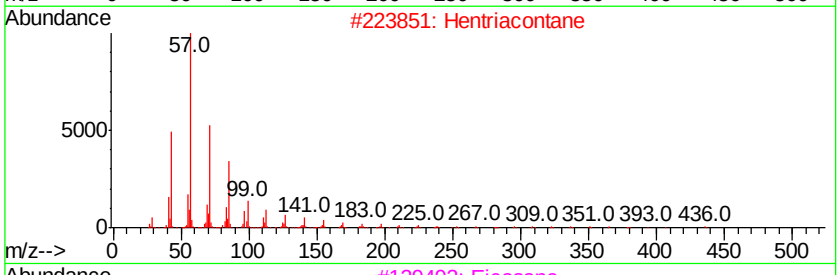
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

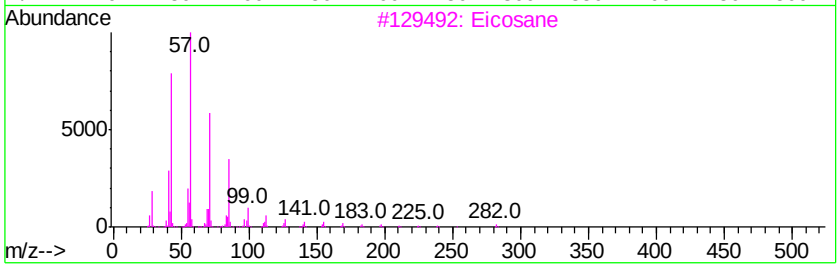
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	3.53 ng/ul	389623	Perylene-d12	23.16

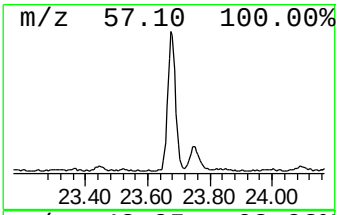
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	87
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Heneicosane	296	C21H44	000629-94-7	81
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	81

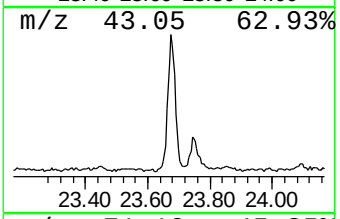


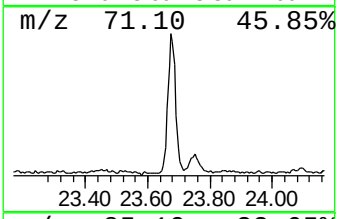


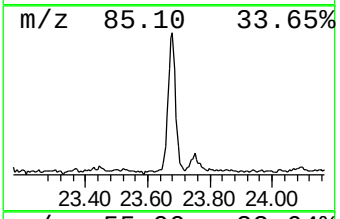


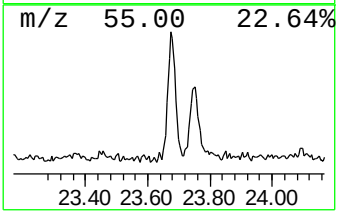












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009572.D
Acq On : 04 Feb 2020 19:51
Operator : CG/JU
Sample : L1302-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AM4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
Behenic alcohol	20.79	2.8	ng/ul	330086	5	21.04	2326200	20.0
(DEL) Alkane: Str...	22.56	2.7	ng/ul	295727	6	23.16	2207530	20.0
(DEL) Alkane: Str...	23.09	3.4	ng/ul	372920	6	23.16	2207530	20.0
(DEL) Alkane: Str...	23.67	3.5	ng/ul	389623	6	23.16	2207530	20.0