LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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	3.017	4	5	9	rVB4	3889	3346	0.27%	0.039%
2	3.240	40	43	44	rBV	2039	2420	0.20%	0.028%
3	3.605	103	105	108	rVB3	3682	3496	0.28%	0.041%
4	3.687	114	119	123	rBV5	6218	9936	0.81%	0.117%
5	4.023	171	176	178	rBV4	1638	2235	0.18%	0.026%
6	4.323	225	227	229	rVV3	1981	1772	0.14%	0.021%
7	4.564	262	268	272	rBV3	8848	16084	1.31%	0.189%
8	4.599	272	274	279	rVV	8540	13985	1.14%	0.164%
9	4.640	279	281	285	rVV3	3913	3948	0.32%	0.046%
10	4.823	310	312	314	rBV3	1985	1740	0.14%	0.020%
11	4.858	316	318	322	rBV3	1477	2288	0.19%	0.027%
12	5.381	402	407	408	rBV3	1834	1898	0.15%	0.022%
13	5.428	413	415	418	rBV3	1605	1942	0.16%	0.023%
14	5.699	455	461	462	rBV3	1267	1849	0.15%	0.022%
15	5.981	508	509	514	rBV3	1822	2606	0.21%	0.031%
16	6.075	523	525	531	rBV3	2071	2941	0.24%	0.035%
17	6.217	546	549	550	rBV2	2545	2193	0.18%	0.026%
18	6.246	553	554	558	rVB2	1743	2048	0.17%	0.024%
19	6.469	589	592	596	rBV2	1671	2458	0.20%	0.029%
20	6.534	602	603	607	rVB2	1872	1973	0.16%	0.023%
21	6.593	607	613	617	rBV3	12450	24193	1.97%	0.284%
22	6.734	633	637	643	rVV2	13200	23556	1.92%	0.277%
23	6.787	645	646	650	rVV4	1984	2202	0.18%	0.026%
24	6.917	662	668	675	rBV3	17463	29691	2.42%	0.349%
25	7.358	738	743	760	rVV	241273	440624	35.89%	5.174%
26	8.111	867	871	878	rBV4	11969	22606	1.84%	0.265%
27	8.534	938	943	950	rBV	13076	28550	2.33%	0.335%
28	8.934	1006	1011	1015	rBV3	1532	2617	0.21%	0.031%
29	9.246	1055	1064	1073	rVV5	7642	21495	1.75%	0.252%
30	9.822	1156	1162	1166	rBV3	5958	12353	1.01%	0.145%
31	10.105	1203	1210	1228	rBV	318784	625926	50.98%	7.350%
32	10.246	1233	1234	1240	rVB2	1528	2417	0.20%	0.028%
33	10.322	1243	1247	1248	rBV3	7185	7936	0.65%	0.093%
34	11.863	1505	1509	1513	rVB3	1248	1879	0.15%	0.022%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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	11.910	1513	1517	1519	rBV2	1292	1995	0.16%	0.023%
36	12.922	1684	1689	1695	rVV2	12118	21670	1.76%	0.254%
37	12.969	1695	1697	1702	rVV2	2031	2678	0.22%	0.031%
38	13.387	1765	1768	1772	rVB2	1656	1945	0.16%	0.023%
39	13.451	1772	1779	1792	rBV2	40298	85112	6.93%	0.999%
40	13.628	1806	1809	1812	rBV3	1146	1858	0.15%	0.022%
41	13.693	1816	1820	1826	rVV	46209	73101	5.95%	0.858%
42	13.734	1826	1827	1831	rVV	2542	2155	0.18%	0.025%
43	13.934	1857	1861	1862	rBV2	2774	3285	0.27%	0.039%
44	14.004	1866	1873	1883	rBV2	552995	842892	68.65%	9.898%
45	14.610	1973	1976	1978	rVB3	1683	1835	0.15%	0.022%
46	14.640	1978	1981	1984	rBV2	2079	3425	0.28%	0.040%
47	14.840	2011	2015	2018	rBV2	1734	2637	0.21%	0.031%
48	15.022	2041	2046	2055	rBV	60154	113453	9.24%	1.332%
49	15.134	2063	2065	2068	rVB4	1747	1895	0.15%	0.022%
50	15.228	2079	2081	2083	rBV2	2619	2583	0.21%	0.030%
51	15.363	2100	2104	2105	rVB2	1468	1837	0.15%	0.022%
52	15.428	2113	2115	2118	rVV3	1340	1819	0.15%	0.021%
53	15.622	2146	2148	2150	rVV2	2163	2024	0.16%	0.024%
54	16.157	2236	2239	2242	rBV4	1371	2121	0.17%	0.025%
55	16.557	2305	2307	2312	rBV3	2968	4610	0.38%	0.054%
56	16.669	2324	2326	2330	rBV3	1574	1944	0.16%	0.023%
57	16.769	2335	2343	2349	rBV	682712	1031342	84.00%	12.111%
58	16.875	2356	2361	2374	rVB2	63462	118875	9.68%	1.396%
59	17.192	2411	2415	2417	rBV3	2979	2835	0.23%	0.033%
60	17.634	2488	2490	2493	rBV2	1707	2207	0.18%	0.026%
61	17.675	2493	2497	2499	rVV4	1833	1855	0.15%	0.022%
62	17.716	2499	2504	2509	rBV5	5396	10948	0.89%	0.129%
63	17.792	2515	2517	2521	rVB3	1914	2182	0.18%	0.026%
64	17.851	2521	2527	2533	rBV5	4818	9984	0.81%	0.117%
65	17.892	2533	2534	2538	rVV2	3433	1986	0.16%	0.023%
66	18.028	2555	2557	2561	rVB3	2069	2878	0.23%	0.034%
67	18.069	2561	2564	2565	rBV2	2196	1910	0.16%	0.022%
68	18.263	2595	2597	2600	rVB2	2029	1785	0.15%	0.021%
69	18.304	2602	2604	2607	rBV2	1818	2161	0.18%	0.025%
70	18.404	2619	2621	2623	rVB2	2927	2058	0.17%	0.024%
71	18.428	2623	2625	2627	rBV3	2642	2612	0.21%	0.031%

LSC Area Percent Report

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Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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	18.569	2645	2649	2650	rBV3	3166	3482	0.28%	0.041%
73	18.763	2680	2682	2685	rVB3	2439	1961	0.16%	0.023%
74	18.810	2685	2690	2692	rBV6	2939	4180	0.34%	0.049%
75	18.845	2692	2696	2703	rBV	38260	55359	4.51%	0.650%
76	18.963	2715	2716	2718	rBV2	2926	2464	0.20%	0.029%
77	18.986	2718	2720	2722	rVV2	2419	2770	0.23%	0.033%
78	19.045	2728	2730	2733	rBV3	2822	2936	0.24%	0.034%
79	19.139	2743	2746	2748	rBV2	8582	9378	0.76%	0.110%
80	19.181	2748	2753	2757	rBV	102771	162581	13.24%	1.909%
81	19.375	2783	2786	2790	rBV6	2749	3821	0.31%	0.045%
82	19.416	2790	2793	2795	rBV3	3592	3703	0.30%	0.043%
83	19.510	2808	2809	2811	rVB2	3170	1885	0.15%	0.022%
84	20.028	2894	2897	2899	rBV4	5077	6142	0.50%	0.072%
85	20.686	3004	3009	3013	rBV	82373	139772	11.38%	1.641%
86	20.733	3013	3017	3022	rVV	138112	200859	16.36%	2.359%
87	20.786	3022	3026	3035	rVV	394489	551819	44.94%	6.480%
88	20.863	3036	3039	3043	rVB2	21946	26206	2.13%	0.308%
89	20.933	3047	3051	3054	rVB2	38671	42838	3.49%	0.503%
90	20.992	3055	3061	3066	rBV	920071	1227810	100.00%	14.418%
91	21.116	3079	3082	3085	rBV	37133	46425	3.78%	0.545%
92	21.592	3160	3163	3169	rBV5	38426	58310	4.75%	0.685%
93	22.022	3233	3236	3243	rBV4	65002	84316	6.87%	0.990%
94	22.486	3311	3315	3319	rBV2	134276	185243	15.09%	2.175%
95	22.957	3391	3395	3399	rBV	81941	134109	10.92%	1.575%
96	22.998	3399	3402	3408	rVB	136973	195069	15.89%	2.291%
97	23.086	3411	3417	3427	rBV	679681	1169392	95.24%	13.732%
98	23.574	3497	3500	3506	rVB	133438	205283	16.72%	2.411%
99	24.239	3610	3613	3621	rVB3	80408	149656	12.19%	1.757%
100	25.010	3740	3744	3750	rVB4	65892	138161	11.25%	1.622%

Sum of corrected areas: 8515625

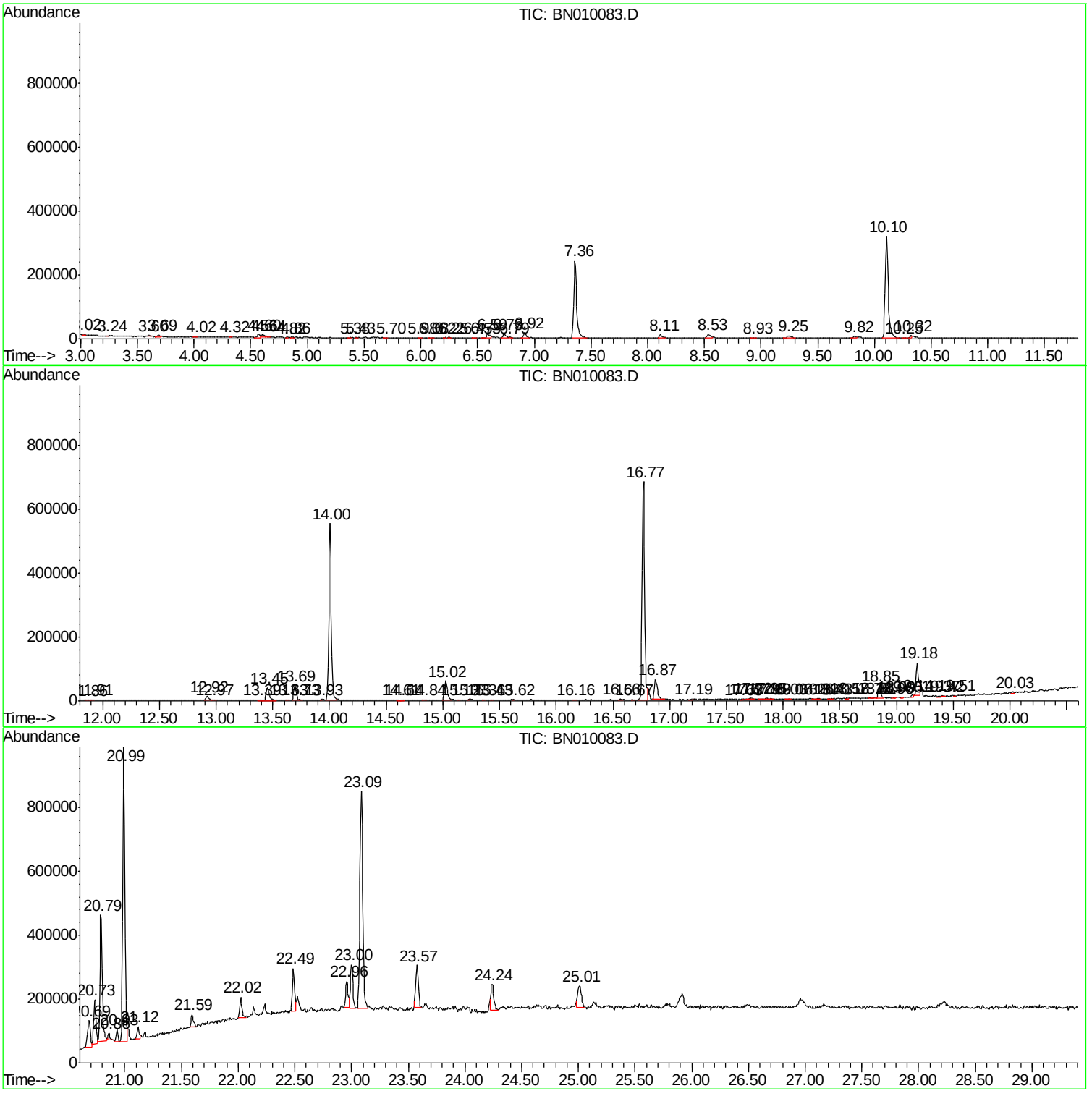
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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

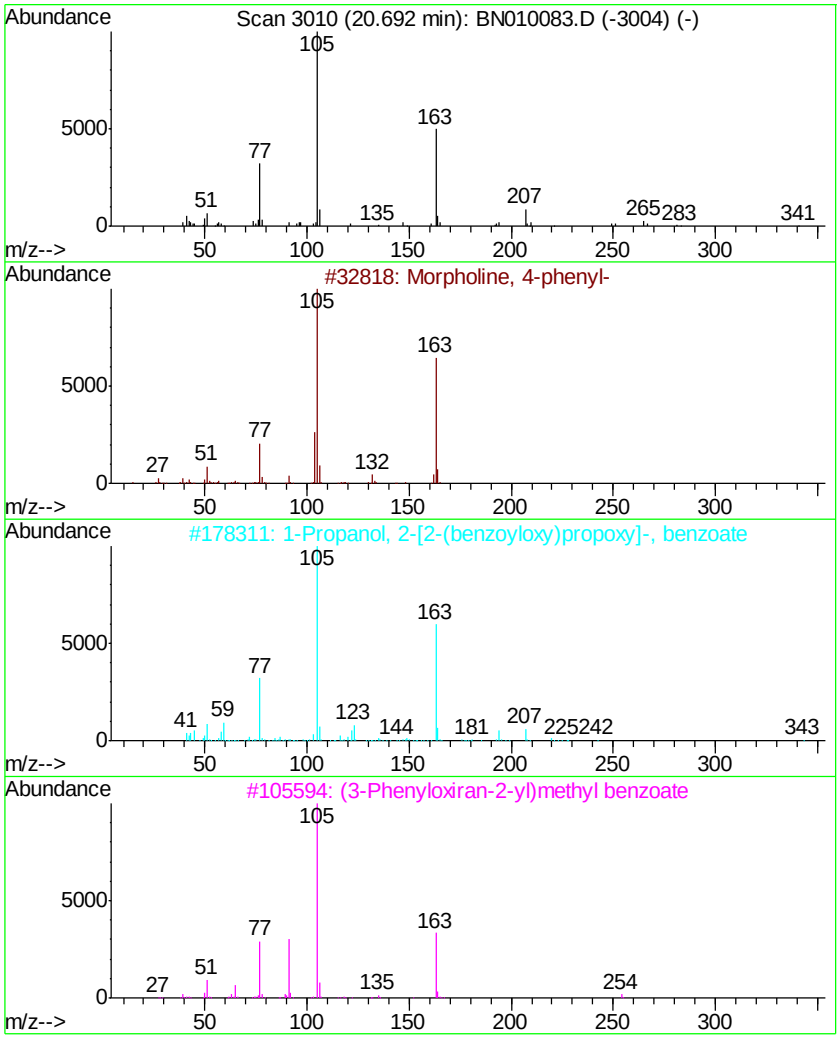
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

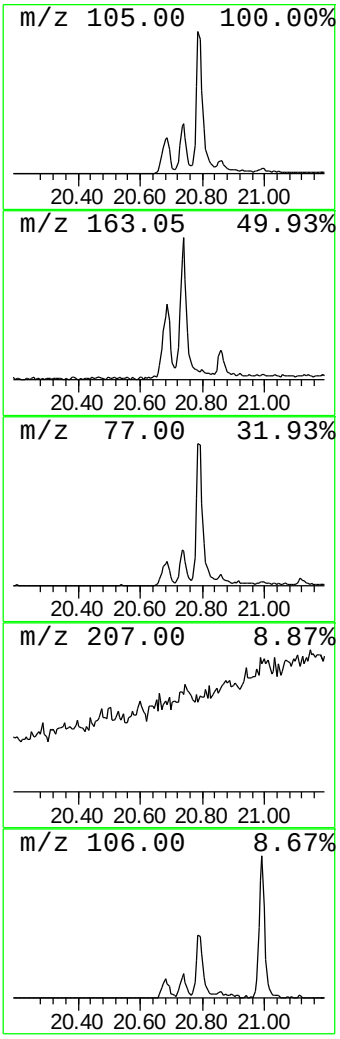
****

Peak Number 1 Morpholine, 4-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.28 ng/ul	139772	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	56
3	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	56
4	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
5	N-(4-Oxo-4H-chromen-3-yl)benzamide	265	C16H11NO3	1000243-49-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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

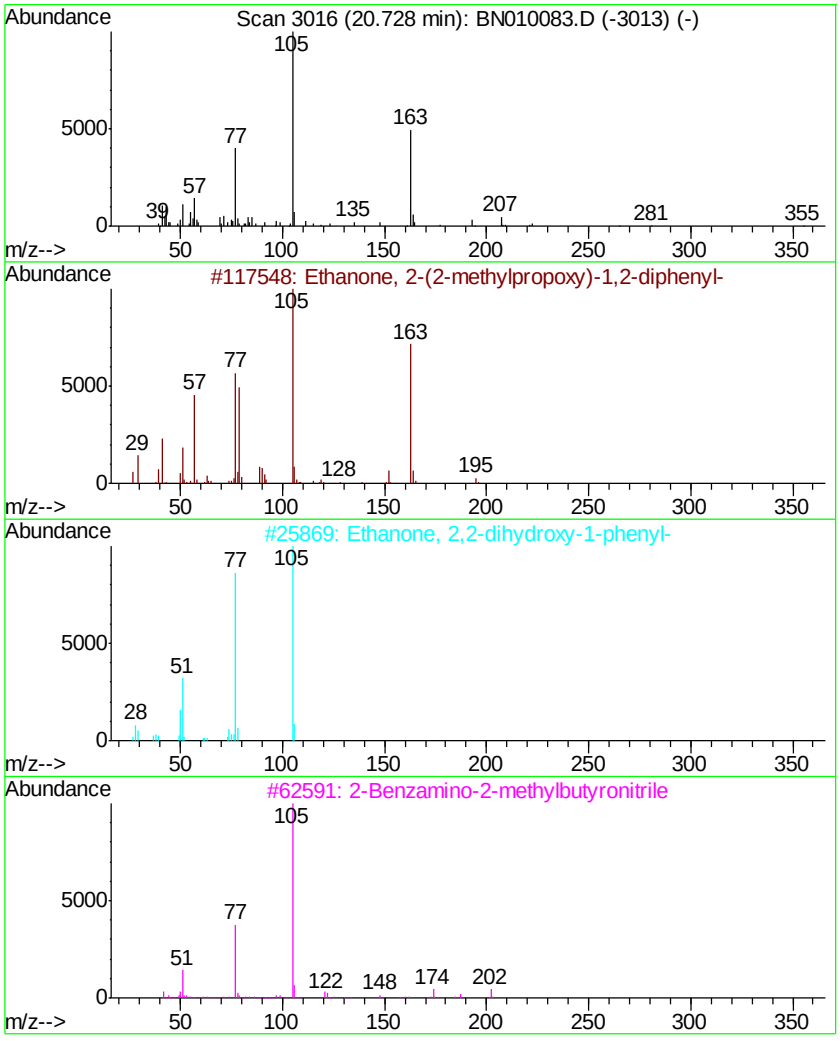
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

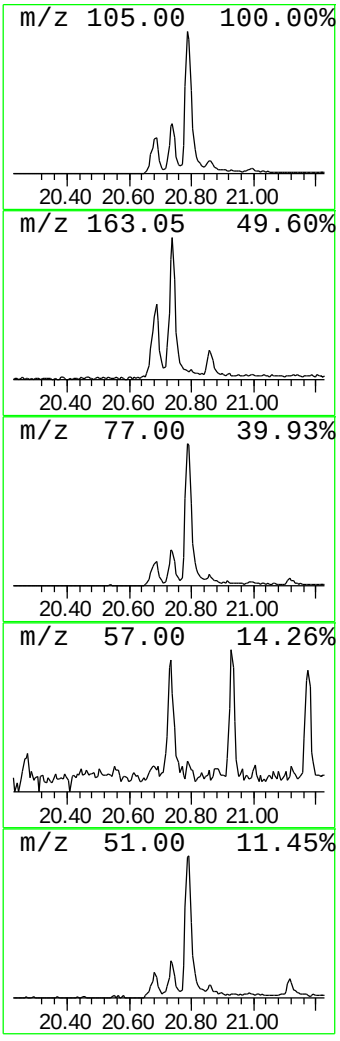
****

Peak Number 2 Ethanone, 2-(2-methylpropox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.27 ng/ul	200859	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(2-methylpropoxy)-1,...	268	C18H20O2	022499-12-3	72
2	Ethanone, 2,2-dihydroxy-1-phenyl-	152	C8H8O3	001075-06-5	47
3	2-Benzamino-2-methylbutyronitrile	202	C12H14N2O	039149-36-5	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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

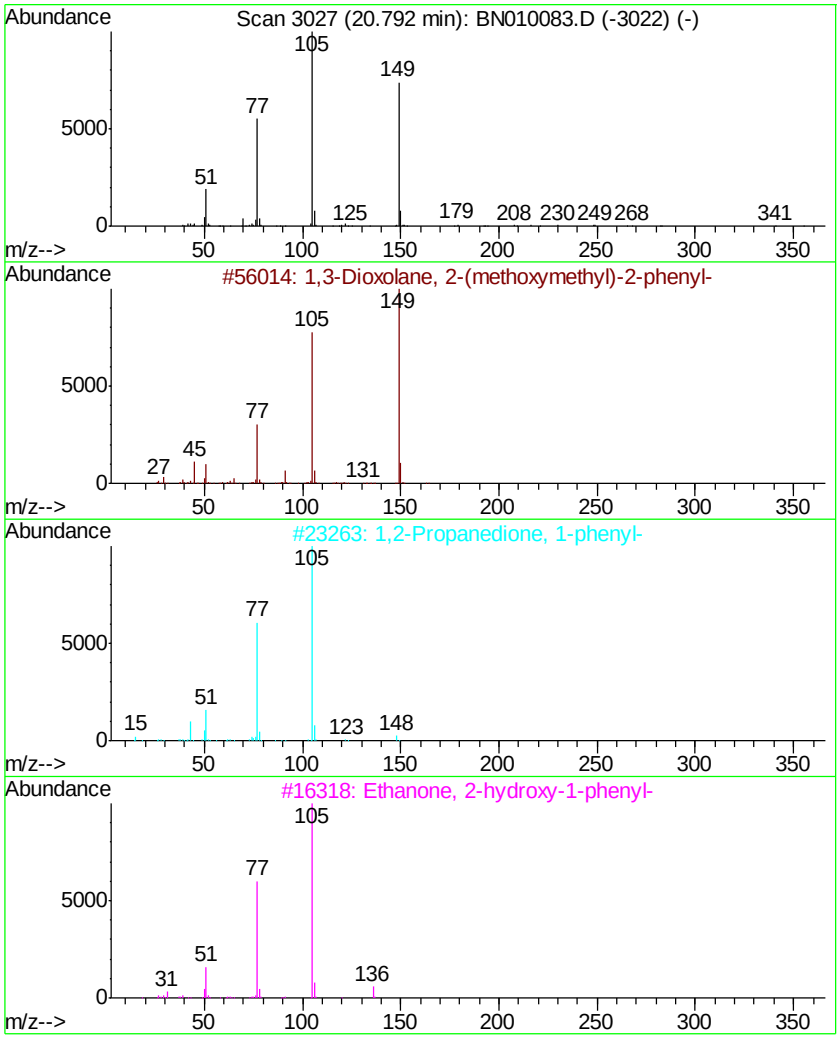
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

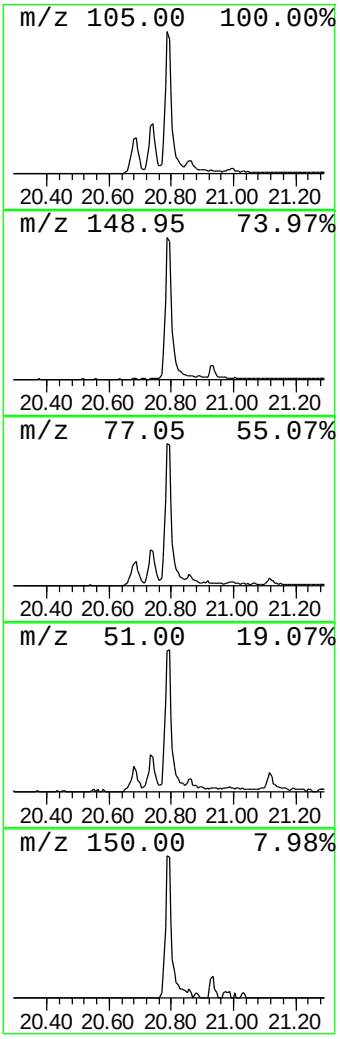
****

Peak Number 3 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	8.99 ng/ul	551819	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
3	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
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Instrument : BNA_N
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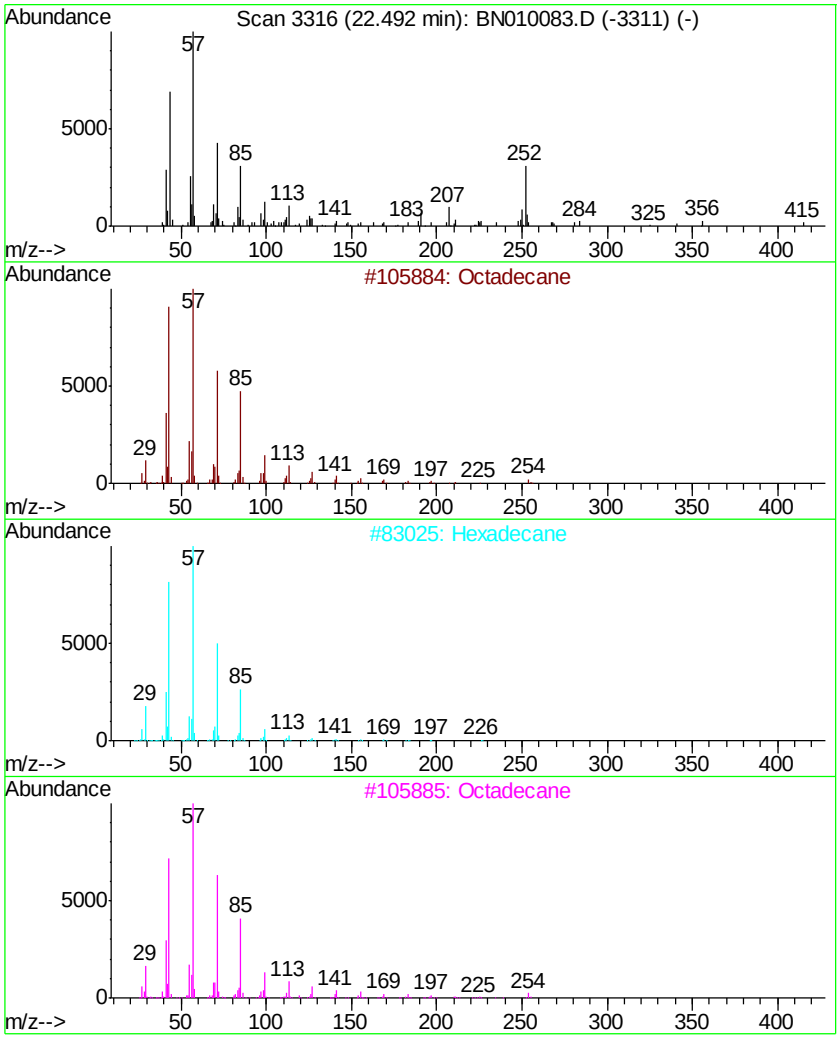
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

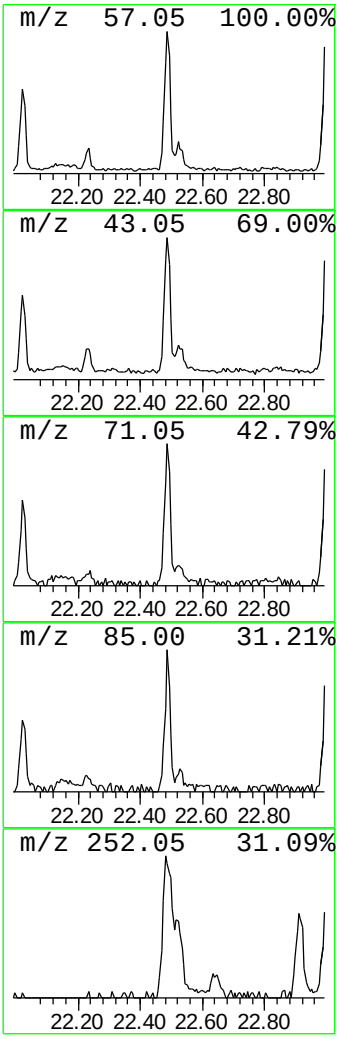
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	3.17 ng/ul	185243	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Octacosane	394	C28H58	000630-02-4	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
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Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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

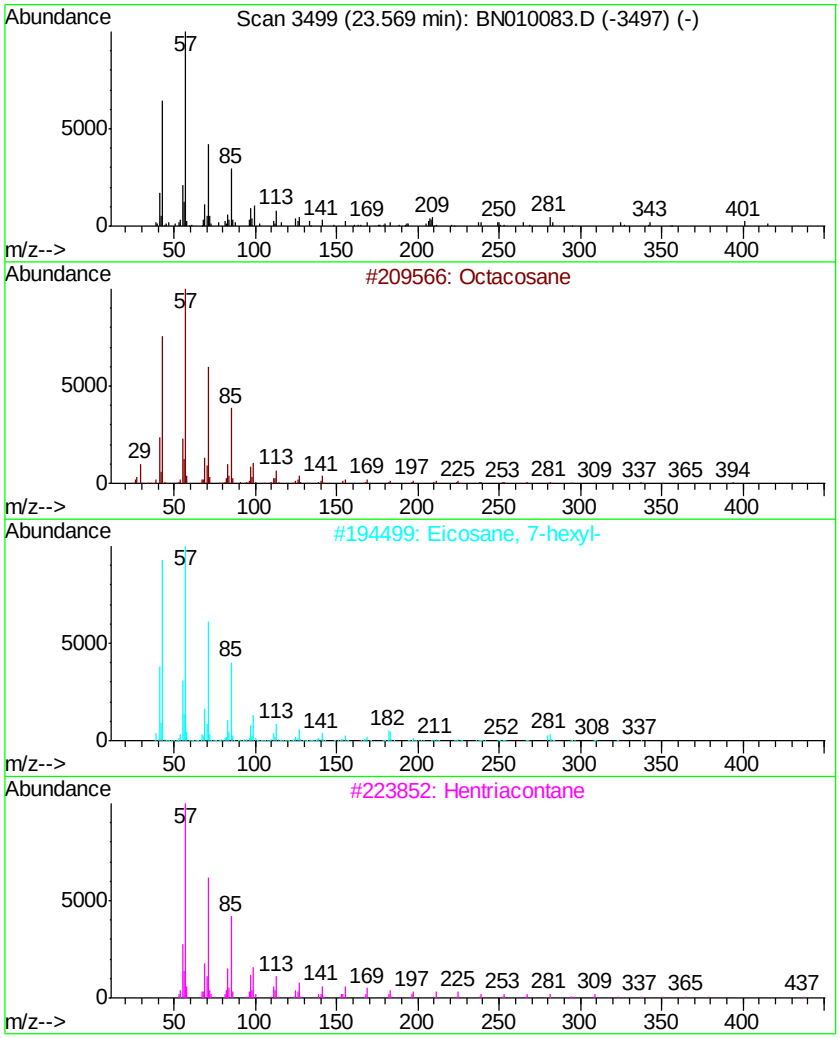
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

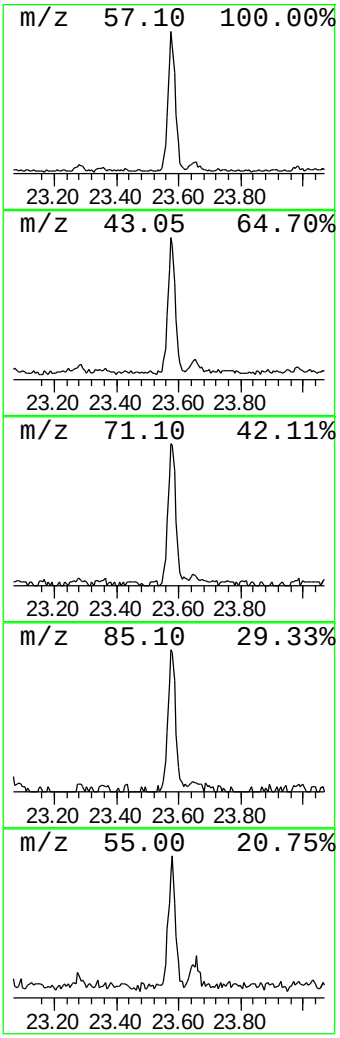
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	3.51 ng/ul	205283	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	70
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	68
3	Hentriacontane	437	C31H64	000630-04-6	64
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	58
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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

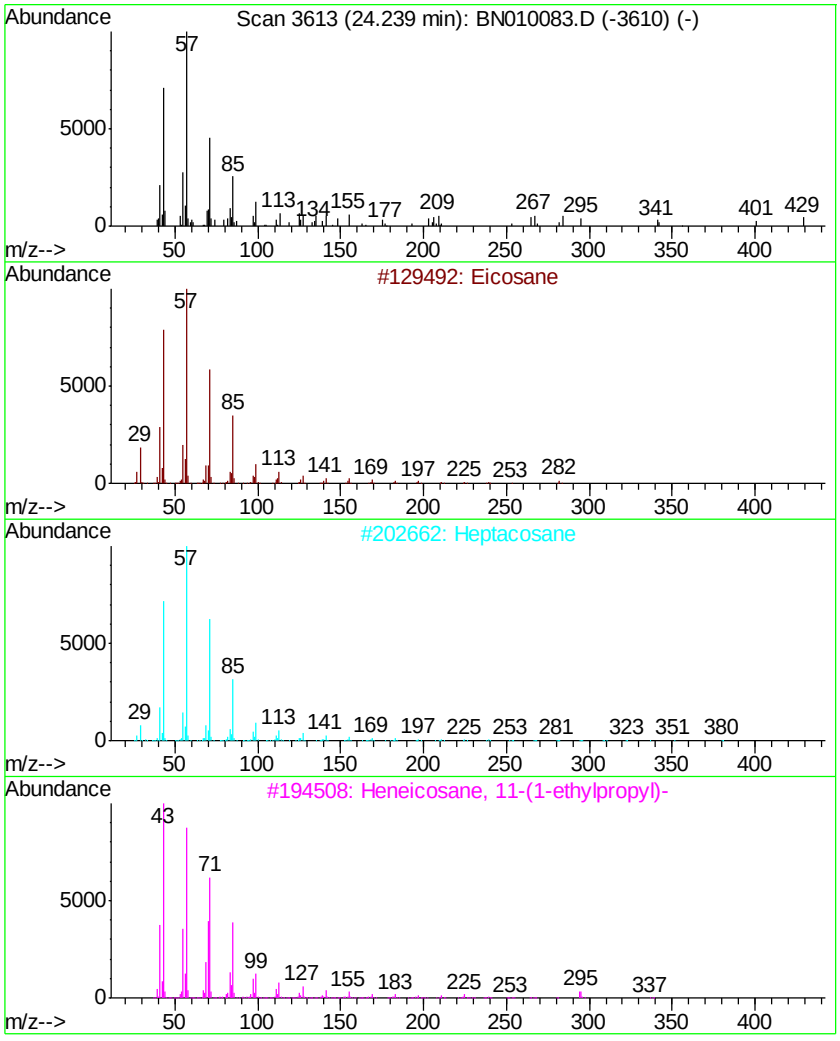
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

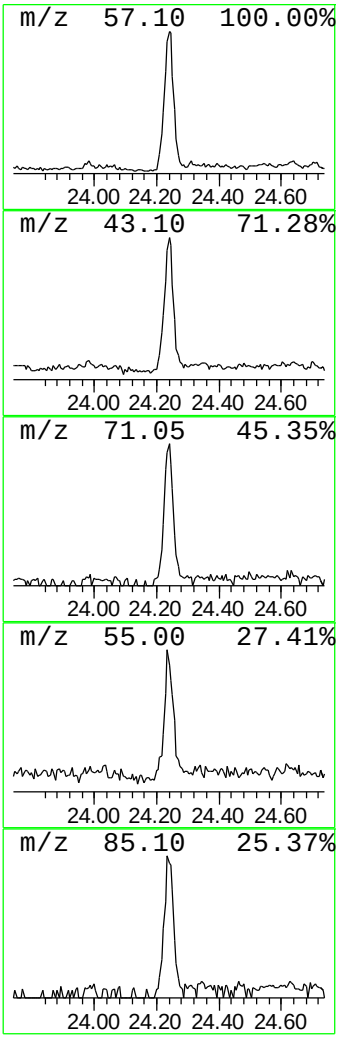
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	2.56 ng/ul	149656	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	64
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Hexacosane	366	C26H54	000630-01-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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

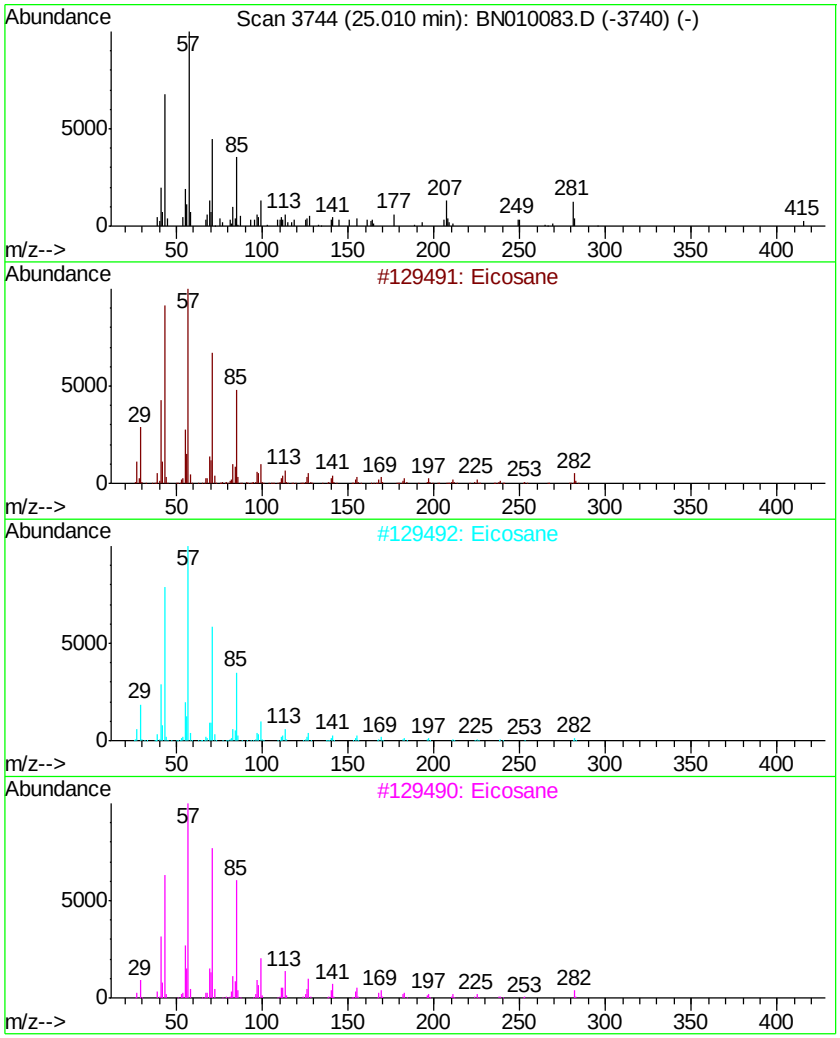
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

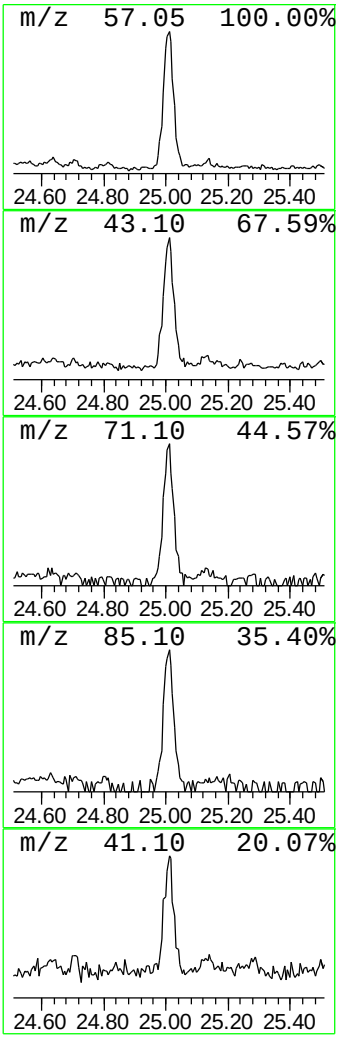
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	2.36 ng/ul	138161	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	70
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010083.D
Acq On : 04 Mar 2020 14:25
Operator : CG/JU
Sample : L1641-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Z9

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
Morpholine, 4-phe...	20.69	2.3	ng/ul	139772	5	20.99	1227810	20.0
Ethanone, 2-(2-me...	20.73	3.3	ng/ul	200859	5	20.99	1227810	20.0
1,3-Dioxolane, 2-...	20.79	9.0	ng/ul	551819	5	20.99	1227810	20.0
(DEL) Alkane: Str...	22.49	3.2	ng/ul	185243	6	23.09	1169390	20.0
(DEL) Alkane: Str...	23.57	3.5	ng/ul	205283	6	23.09	1169390	20.0
(DEL) Alkane: Str...	24.24	2.6	ng/ul	149656	6	23.09	1169390	20.0
(DEL) Alkane: Str...	25.01	2.4	ng/ul	138161	6	23.09	1169390	20.0