LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006087.D
Acq On : 05 Jun 2019 04:55
Operator : JU/SJ
Sample : K2948-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFH94

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-BN060419MA.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	3.152	23	28	34	rBV	91405	134359	1.89%	0.173%
2	3.428	72	75	85	rVB3	12400	26634	0.38%	0.034%
3	3.787	132	136	139	rVB	16228	21247	0.30%	0.027%
4	3.875	148	151	155	rBV	12354	16144	0.23%	0.021%
5	4.199	204	206	212	rVB5	8098	7952	0.11%	0.010%
6	4.775	299	304	310	rVB	26980	41837	0.59%	0.054%
7	4.864	313	319	324	rBV10	4544	9630	0.14%	0.012%
8	6.822	644	652	669	rBV	1006515	1698854	23.96%	2.189%
9	6.987	673	680	697	rVB	773257	1275516	17.99%	1.643%
10	7.181	706	713	720	rBV	1064903	1695344	23.91%	2.184%
11	7.240	720	723	742	rVB	100929	207195	2.92%	0.267%
12	7.646	785	792	809	rBV	1125861	1883135	26.56%	2.426%
13	8.352	906	912	933	rBV	1418734	2439544	34.40%	3.143%
14	8.799	981	988	999	rBV	1119030	1854353	26.15%	2.389%
15	8.969	1013	1017	1020	rVB5	6223	8643	0.12%	0.011%
16	9.222	1056	1060	1067	rVB2	11862	16442	0.23%	0.021%
17	9.516	1103	1110	1131	rBV	848587	1530611	21.59%	1.972%
18	10.051	1194	1201	1215	rBV	1336688	2352152	33.17%	3.030%
19	10.216	1225	1229	1234	rVB6	5362	7997	0.11%	0.010%
20	10.428	1257	1265	1279	rBV	1710850	2959408	41.74%	3.812%
21	10.569	1281	1289	1303	rBV	1360082	2411988	34.02%	3.107%
22	11.710	1479	1483	1489	rVB6	5690	11426	0.16%	0.015%
23	11.863	1504	1509	1513	rVB7	3935	7285	0.10%	0.009%
24	12.028	1532	1537	1544	rBV3	16421	29353	0.41%	0.038%
25	12.904	1680	1686	1691	rVB8	4544	7826	0.11%	0.010%
26	13.122	1720	1723	1730	rVB6	4701	8926	0.13%	0.011%
27	13.269	1743	1748	1752	rVB4	5354	8276	0.12%	0.011%
28	13.710	1817	1823	1828	rBV	2347552	3268734	46.10%	4.211%
29	13.757	1828	1831	1839	rVB	300780	400681	5.65%	0.516%
30	13.992	1862	1871	1889	rBV	2909833	4249621	59.93%	5.475%
31	14.210	1905	1908	1912	rVB5	5568	7647	0.11%	0.010%
32	14.304	1915	1924	1940	rBV2	2438930	3782098	53.34%	4.872%
33	14.510	1953	1959	1975	rBV	655233	1252686	17.67%	1.614%
34	15.110	2054	2061	2068	rBV	20133	34462	0.49%	0.044%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006087.D
Acq On : 05 Jun 2019 04:55
Operator : JU/SJ
Sample : K2948-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFH94

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-BN060419MA.M
Title : SVOA CALIBRATION

35	15.169	2068	2071	2076	rVB5	9489	13500	0.19%	0.017%
36	15.298	2087	2093	2110	rBV	3379101	5037048	71.04%	6.489%
37	15.428	2110	2115	2129	rVV	600919	900953	12.71%	1.161%
38	15.539	2129	2134	2140	rVB	44425	68271	0.96%	0.088%
39	15.986	2205	2210	2214	rBV6	4280	7165	0.10%	0.009%
40	16.034	2214	2218	2221	rVV	10438	12812	0.18%	0.017%
41	16.086	2223	2227	2234	rVB5	16087	22970	0.32%	0.030%
42	16.204	2245	2247	2252	rVB4	6947	7323	0.10%	0.009%
43	16.828	2349	2353	2354	rBV4	12708	14891	0.21%	0.019%
44	16.839	2354	2355	2360	rVB3	10847	14119	0.20%	0.018%
45	16.975	2372	2378	2383	rBV9	5980	11198	0.16%	0.014%
46	17.057	2385	2392	2402	rBV	3119866	4499935	63.46%	5.797%
47	17.151	2402	2408	2426	rVV2	3643573	5511863	77.73%	7.101%
48	17.957	2541	2545	2554	rBV2	106569	185813	2.62%	0.239%
49	18.028	2554	2557	2562	rVB	16353	26815	0.38%	0.035%
50	18.257	2592	2596	2599	rBV5	6479	9133	0.13%	0.012%
51	18.892	2702	2704	2708	rBV4	6726	9587	0.14%	0.012%
52	19.092	2734	2738	2743	rBV	38951	47885	0.68%	0.062%
53	19.257	2763	2766	2771	rBV6	9599	16188	0.23%	0.021%
54	19.345	2777	2781	2786	rBV	40308	53421	0.75%	0.069%
55	19.398	2788	2790	2794	rVB4	10912	13568	0.19%	0.017%
56	19.457	2794	2800	2818	rBV	4422455	6487998	91.50%	8.358%
57	20.022	2893	2896	2900	rVB4	23379	27793	0.39%	0.036%
58	20.522	2978	2981	2984	rVB2	45726	51506	0.73%	0.066%
59	20.986	3056	3060	3069	rBV	415678	748234	10.55%	0.964%
60	21.263	3102	3107	3124	rBV	3596214	5023016	70.84%	6.471%
61	21.427	3132	3135	3138	rBV	128642	128324	1.81%	0.165%
62	21.857	3205	3208	3212	rBV	202752	244496	3.45%	0.315%
63	22.321	3283	3287	3293	rVB	353554	446688	6.30%	0.575%
64	22.821	3368	3372	3379	rVB	421673	624849	8.81%	0.805%
65	23.357	3456	3463	3479	rBV2	3331232	7090883	100.00%	9.135%
66	23.498	3480	3487	3502	rVB	2645535	5010172	70.66%	6.454%
67	24.027	3572	3577	3587	rVB	439651	800244	11.29%	1.031%
68	24.768	3697	3703	3711	rVB	365865	787791	11.11%	1.015%

Sum of corrected areas: 77624458

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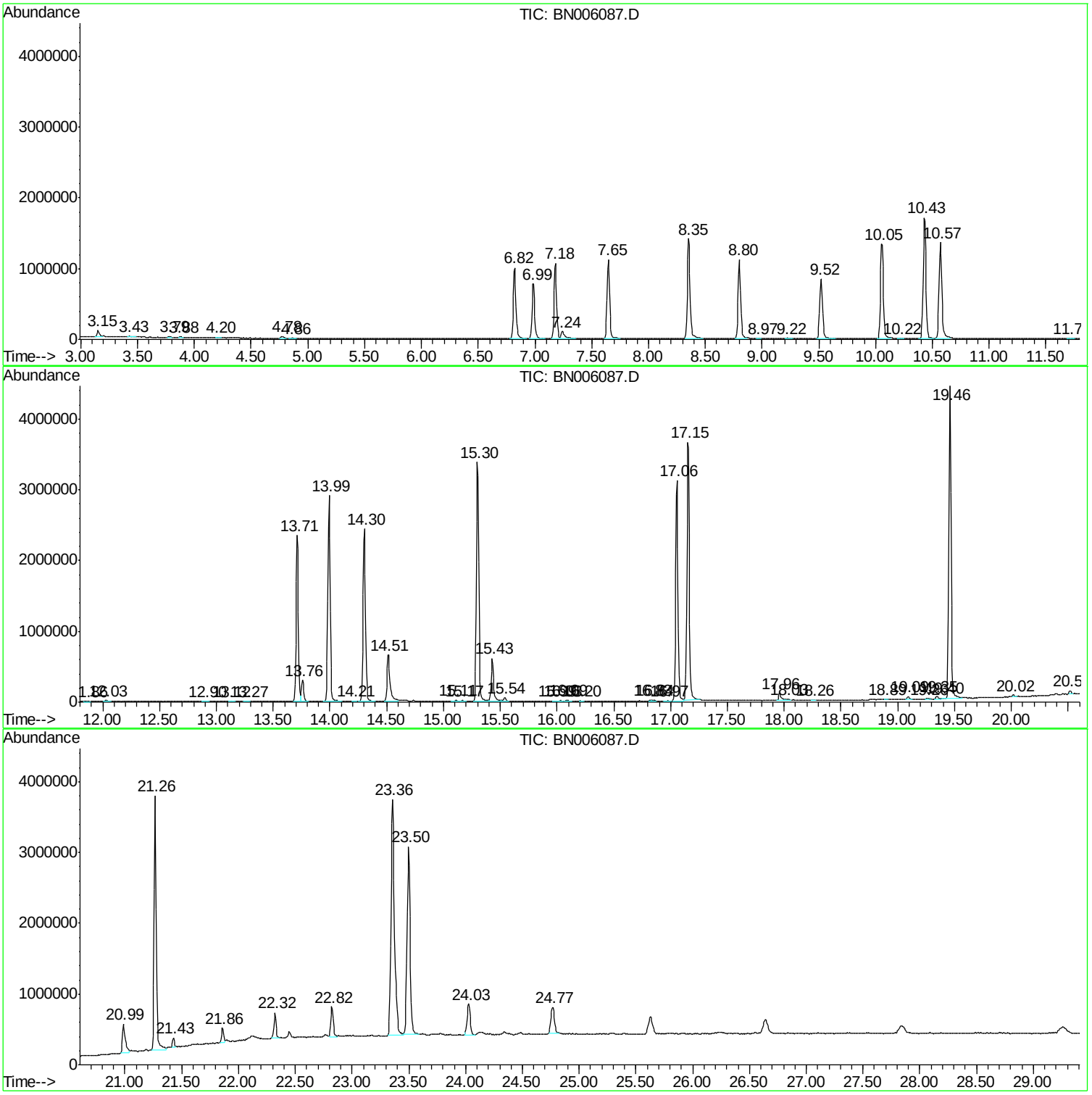
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFH94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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



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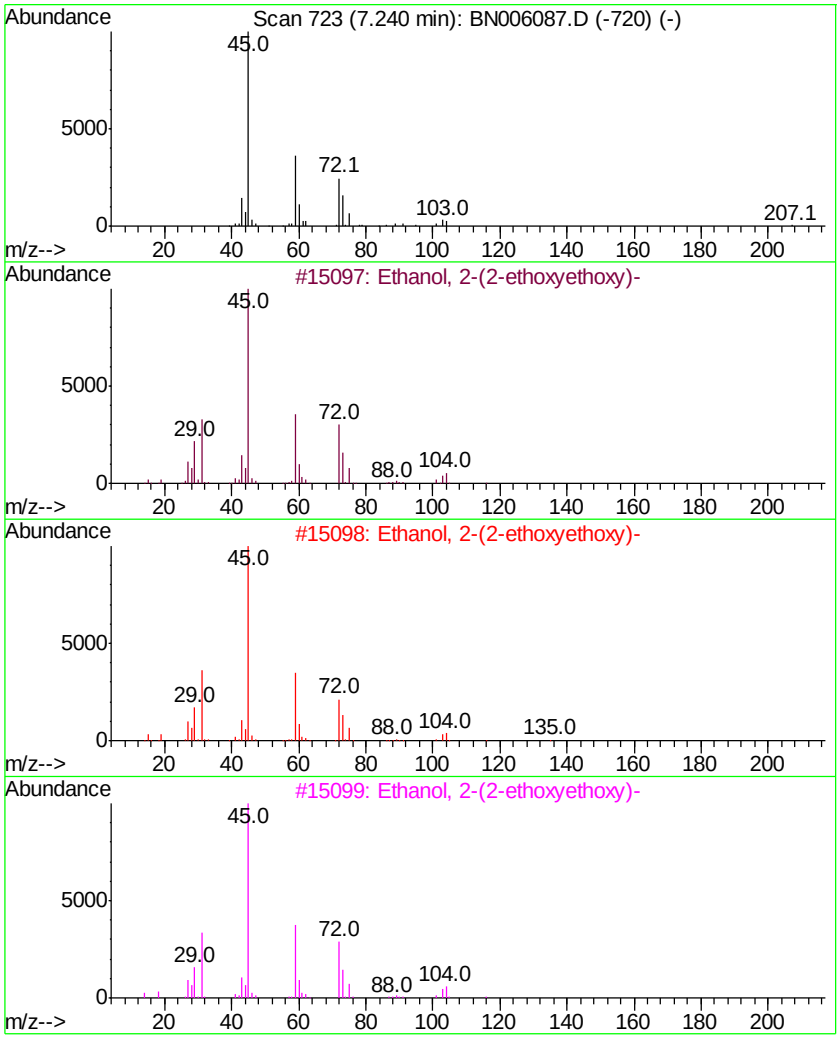
Quant Title : SVOA CALIBRATION

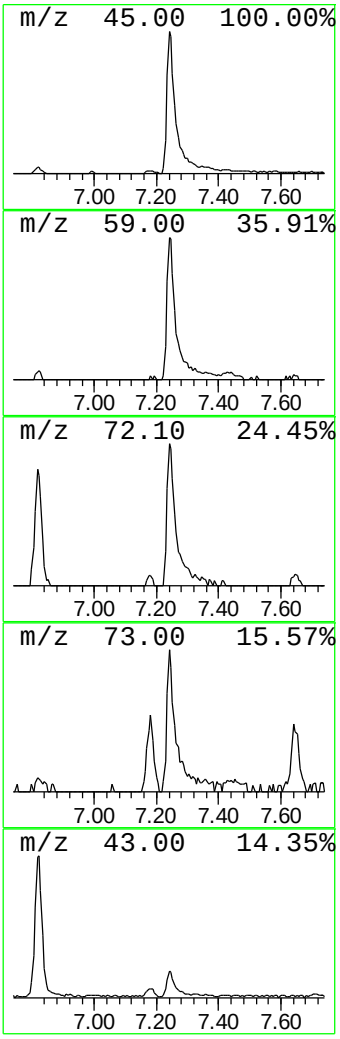
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	2.20 ng/ul	207195	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
5	Diethyl carbitol	162	C8H18O3	000112-36-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
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Acq On : 05 Jun 2019 04:55
Operator : JU/SJ
Sample : K2948-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFH94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

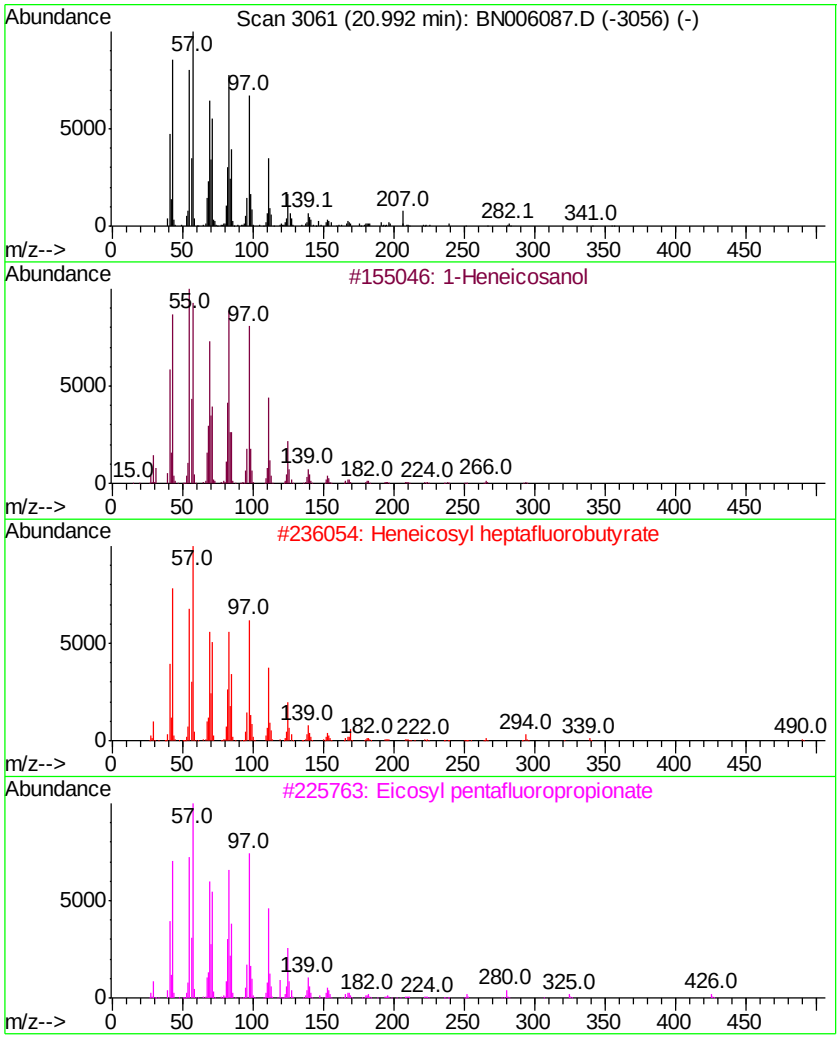
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

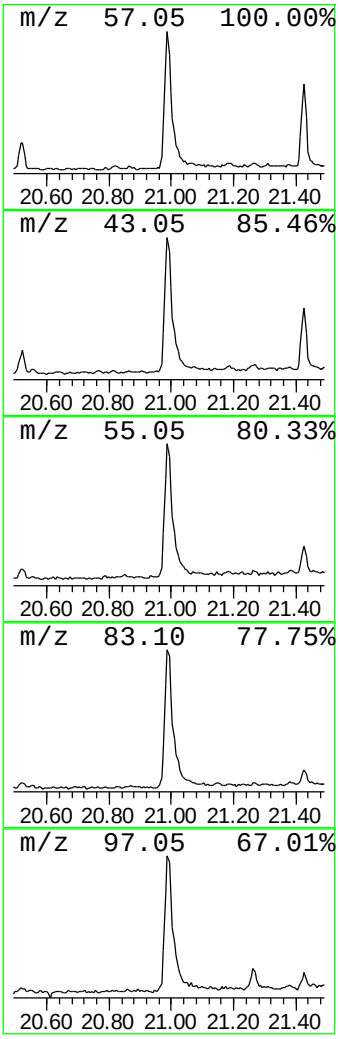
****

Peak Number 2 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.98 ng/ul	748234	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Sample : K2948-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFH94

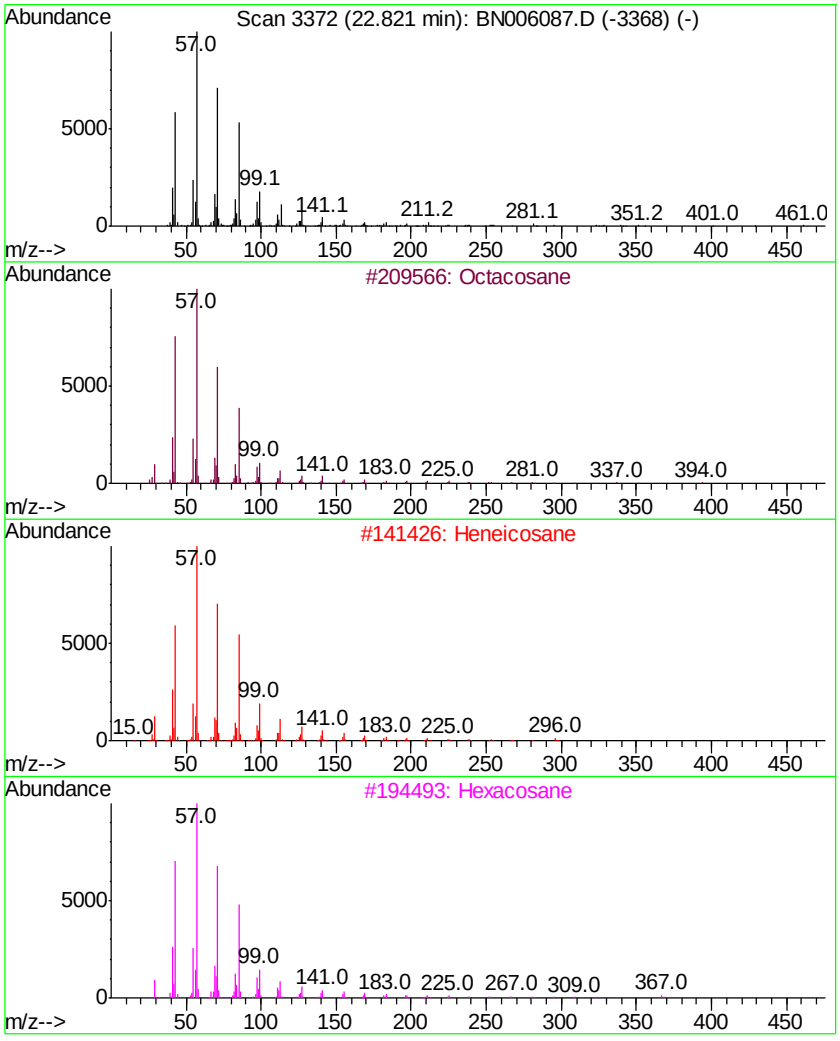
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

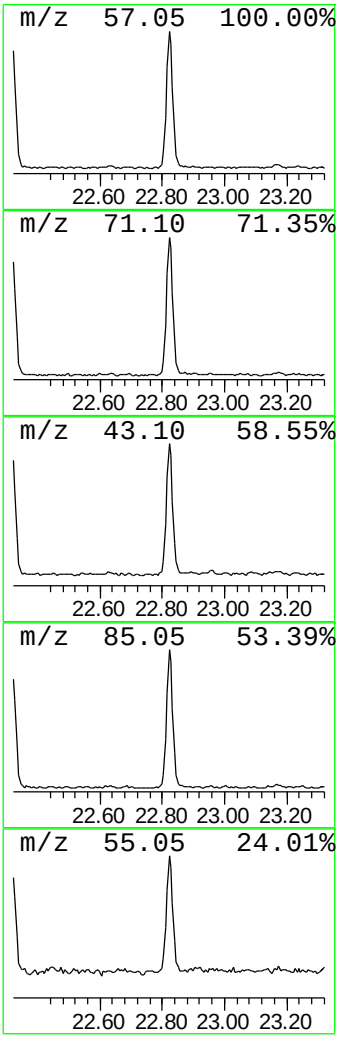
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.49 ng/ul	624849	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : K2948-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFH94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

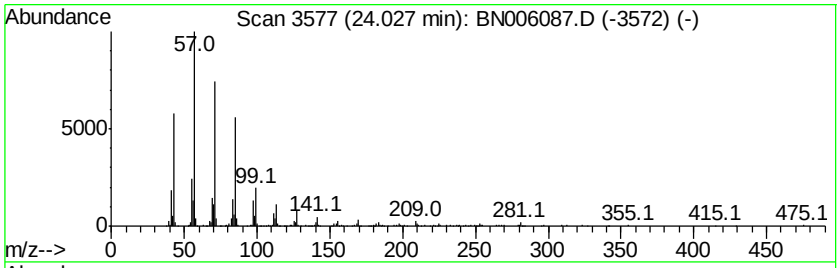
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

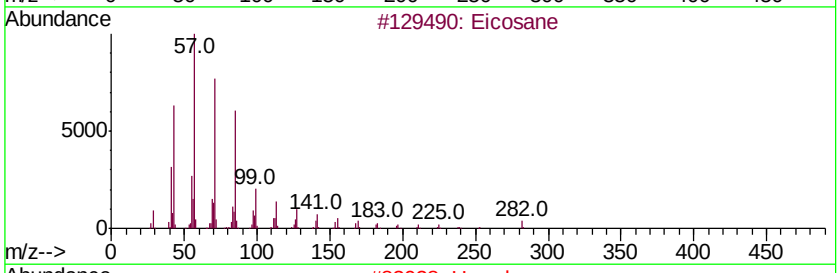
****

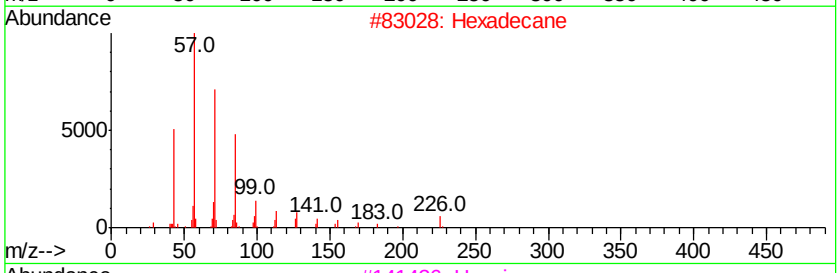
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

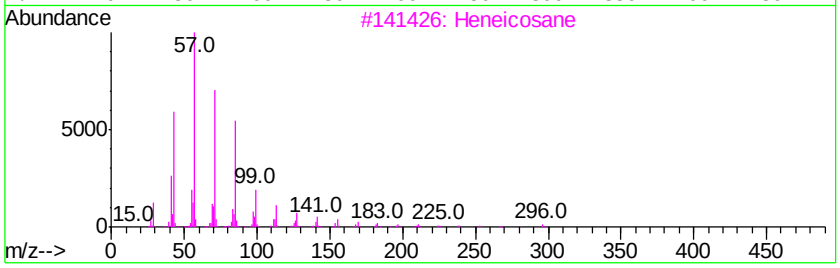
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.19 ng/ul	800244	Perylene-d12	23.50

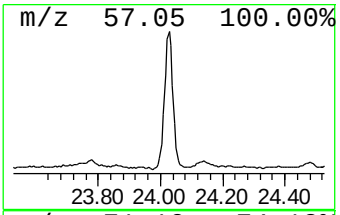
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91

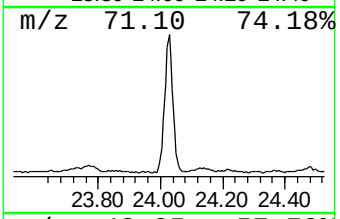


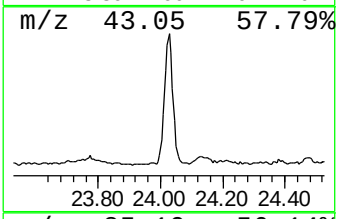


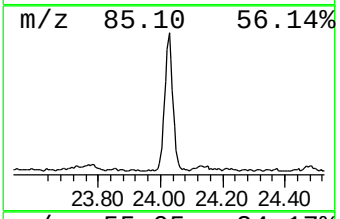


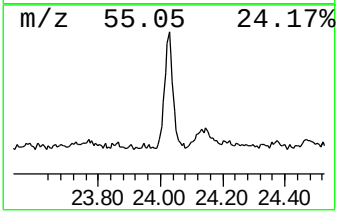












Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : BFH94

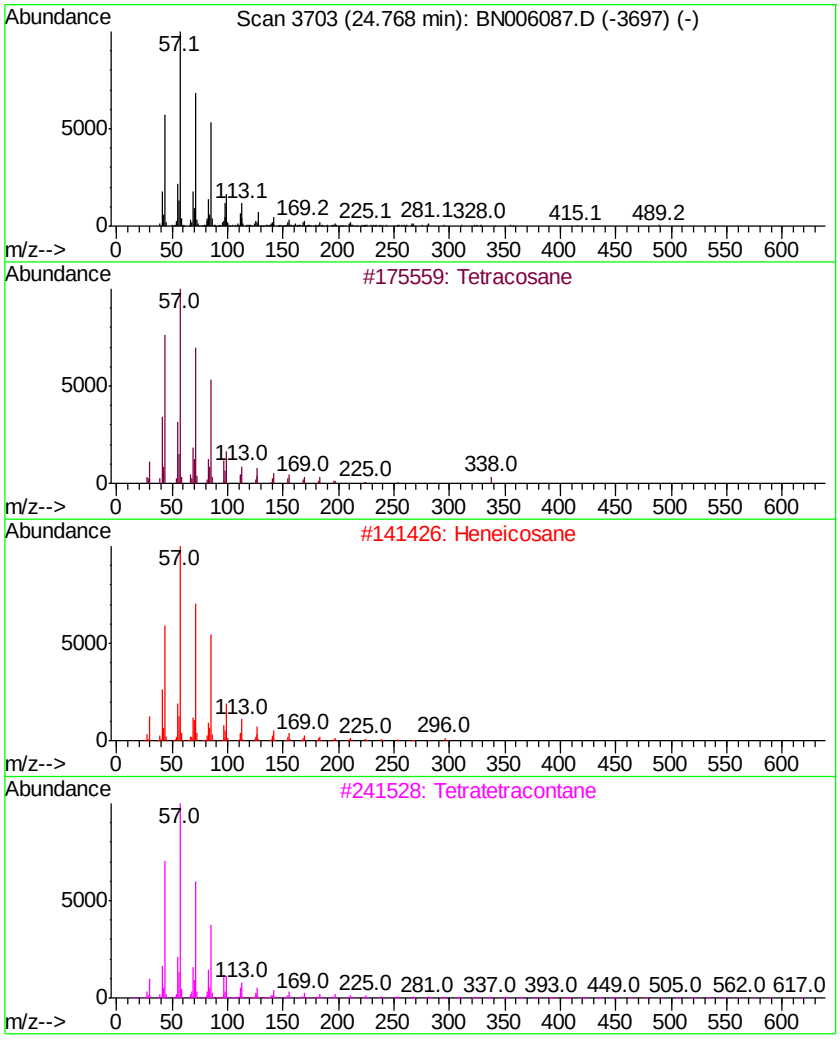
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

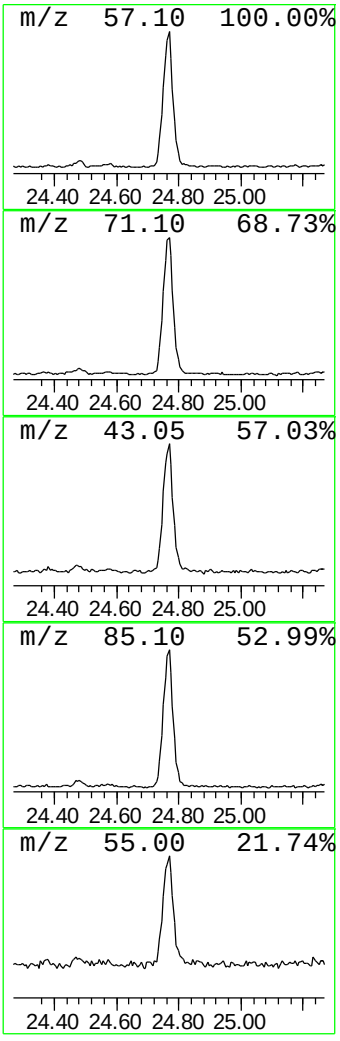
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	3.14 ng/ul	787791	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060419\
Data File : BN006087.D
Acq On : 05 Jun 2019 04:55
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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
Ethanol, 2-(2-eth...	7.24	2.2	ng/ul	207195	1	7.65	1883140	20.0
1-Heneicosanol	20.99	3.0	ng/ul	748234	5	21.26	5023020	20.0
(DEL) Alkane: Str...	22.82	2.5	ng/ul	624849	6	23.50	5010170	20.0
(DEL) Alkane: Str...	24.03	3.2	ng/ul	800244	6	23.50	5010170	20.0
(DEL) Alkane: Str...	24.77	3.1	ng/ul	787791	6	23.50	5010170	20.0