LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004646.D
Acq On : 07 Mar 2019 20:39
Operator : JU/SJ
Sample : K1657-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB654

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-BN030719MA.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	3.228	37	41	49	rVB	6874	8285	1.07%	0.107%
2	3.811	137	140	144	rBV	1378	2032	0.26%	0.026%
3	3.952	160	164	167	rVV	1650	2213	0.29%	0.029%
4	4.011	171	174	179	rVB3	659	1251	0.16%	0.016%
5	4.840	312	315	319	rBV	1426	2268	0.29%	0.029%
6	6.399	576	580	584	rBB	8027	9884	1.28%	0.128%
7	6.881	657	662	672	rBB	61650	94924	12.25%	1.229%
8	7.063	687	693	702	rBB	51373	79112	10.21%	1.024%
9	7.252	719	725	731	rBB	68826	101998	13.16%	1.321%
10	7.310	731	735	749	rBV	26508	38781	5.01%	0.502%
11	7.605	783	785	788	rBB	947	948	0.12%	0.012%
12	7.722	799	805	811	rBB	118137	179758	23.20%	2.328%
13	8.416	917	923	930	rBB	84494	125977	16.26%	1.631%
14	8.475	930	933	935	rBB	1122	1364	0.18%	0.018%
15	8.881	996	1002	1009	rBB	67926	102624	13.24%	1.329%
16	9.240	1060	1063	1066	rBB	2025	2319	0.30%	0.030%
17	9.599	1118	1124	1129	rBB	53536	83415	10.77%	1.080%
18	10.122	1207	1213	1220	rBB	91290	140038	18.07%	1.813%
19	10.504	1271	1278	1285	rBB	182841	297468	38.39%	3.852%
20	10.646	1296	1302	1311	rBB	81461	130087	16.79%	1.685%
21	12.098	1546	1549	1551	rBB	1016	1186	0.15%	0.015%
22	13.216	1737	1739	1742	rBB	3518	2722	0.35%	0.035%
23	13.769	1828	1833	1838	rBV	208065	277425	35.80%	3.593%
24	13.816	1838	1841	1846	rVB	24911	29949	3.87%	0.388%
25	14.057	1875	1882	1889	rBB	206738	306683	39.58%	3.971%
26	14.363	1928	1934	1940	rBB2	305136	450878	58.19%	5.839%
27	14.557	1962	1967	1974	rBB	66678	94106	12.15%	1.219%
28	15.357	2097	2103	2109	rBB	304831	413207	53.33%	5.351%
29	15.475	2119	2123	2130	rBB	84622	102568	13.24%	1.328%
30	15.598	2141	2144	2147	rBB2	1633	2005	0.26%	0.026%
31	16.063	2220	2223	2229	rBB3	3869	5320	0.69%	0.069%
32	16.186	2241	2244	2246	rBB	830	947	0.12%	0.012%
33	16.481	2290	2294	2296	rBB	1032	1158	0.15%	0.015%
34	16.575	2307	2310	2312	rBB	780	873	0.11%	0.011%

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Misc :
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Instrument : BNA_N
ClientSampleId : DB654

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-BN030719MA.M
Title : SVOA CALIBRATION

35	16.898	2362	2365	2368	rBB2	1712	1850	0.24%	0.024%
36	17.110	2395	2401	2407	rBV2	408118	575108	74.22%	7.448%
37	17.157	2407	2409	2412	rVB2	1425	1529	0.20%	0.020%
38	17.210	2412	2418	2425	rBB	321973	448547	57.89%	5.809%
39	17.875	2527	2531	2535	rBB2	2932	3898	0.50%	0.050%
40	17.992	2545	2551	2562	rVV	51220	71453	9.22%	0.925%
41	18.069	2562	2564	2569	rVV2	2470	4330	0.56%	0.056%
42	18.133	2573	2575	2578	rVV	1307	1501	0.19%	0.019%
43	18.180	2580	2583	2586	rVB	2085	1930	0.25%	0.025%
44	18.292	2595	2602	2606	rBB2	31564	36783	4.75%	0.476%
45	18.498	2630	2637	2642	rBV2	2461	4991	0.64%	0.065%
46	18.751	2677	2680	2685	rVV2	1051	1957	0.25%	0.025%
47	18.839	2690	2695	2702	rVV	10097	16720	2.16%	0.217%
48	18.904	2702	2706	2712	rVB3	4501	7482	0.97%	0.097%
49	19.133	2741	2745	2748	rBV2	4643	6023	0.78%	0.078%
50	19.169	2748	2751	2756	rVB	4169	6661	0.86%	0.086%
51	19.274	2763	2769	2777	rBV2	22357	35591	4.59%	0.461%
52	19.351	2778	2782	2785	rVV4	5014	6393	0.83%	0.083%
53	19.392	2785	2789	2793	rVB2	7029	10059	1.30%	0.130%
54	19.510	2802	2809	2817	rVV	417346	553699	71.46%	7.170%
55	19.574	2817	2820	2825	rVB2	7077	6993	0.90%	0.091%
56	19.763	2846	2852	2856	rVB4	14234	19850	2.56%	0.257%
57	19.927	2876	2880	2884	rVB	1845	2368	0.31%	0.031%
58	20.039	2894	2899	2905	rVB3	2636	3906	0.50%	0.051%
59	20.410	2960	2962	2964	rVB2	1182	1024	0.13%	0.013%
60	20.457	2966	2970	2972	rVB2	1012	1039	0.13%	0.013%
61	20.480	2972	2974	2978	rBV	1956	2310	0.30%	0.030%
62	20.533	2981	2983	2989	rVB2	4083	4015	0.52%	0.052%
63	20.663	3002	3005	3007	rBV	1892	1425	0.18%	0.018%
64	20.721	3013	3015	3019	rVB2	774	803	0.10%	0.010%
65	20.821	3029	3032	3033	rBV	887	870	0.11%	0.011%
66	21.004	3058	3063	3072	rBV	50558	68586	8.85%	0.888%
67	21.080	3072	3076	3079	rVB	3907	4932	0.64%	0.064%
68	21.210	3093	3098	3103	rBV3	3465	6858	0.89%	0.089%
69	21.304	3108	3114	3119	rVV	633304	774839	100.00%	10.034%
70	21.339	3119	3120	3125	rVB2	2862	2700	0.35%	0.035%
71	21.439	3133	3137	3141	rBV	22288	21616	2.79%	0.280%

LSC Area Percent Report

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Sample : K1657-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB654

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-BN030719MA.M
Title : SVOA CALIBRATION

72	21.874	3207	3211	3219	rVB	41152	49017	6.33%	0.635%
73	22.333	3285	3289	3295	rBV	61007	78298	10.11%	1.014%
74	22.468	3308	3312	3317	rVB	7240	8287	1.07%	0.107%
75	22.845	3371	3376	3386	rVB	75930	104256	13.46%	1.350%
76	23.415	3465	3473	3485	rVB2	370604	664148	85.71%	8.601%
77	23.557	3490	3497	3506	rVB2	385990	739055	95.38%	9.571%
78	24.057	3576	3582	3591	rVB	56940	104604	13.50%	1.355%
79	24.157	3594	3599	3603	rBV5	4084	8180	1.06%	0.106%
80	24.804	3703	3709	3717	rVB	35742	77708	10.03%	1.006%
81	25.680	3852	3858	3865	rVB	19611	45145	5.83%	0.585%
82	26.709	4027	4033	4041	rVB	10712	29041	3.75%	0.376%

Sum of corrected areas: 7722151

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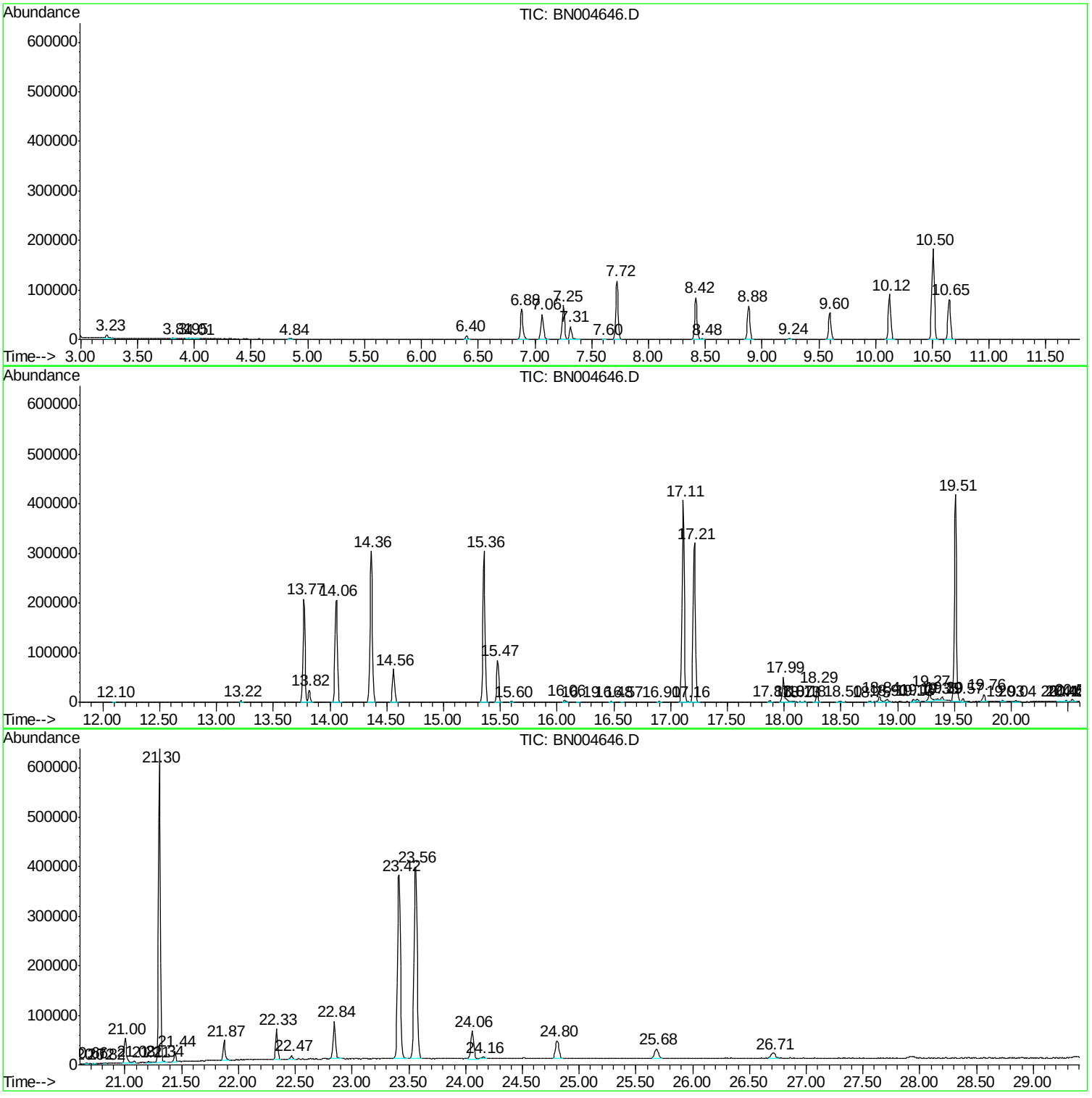
Instrument :
BNA_N
ClientSampleId :
DB654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_N
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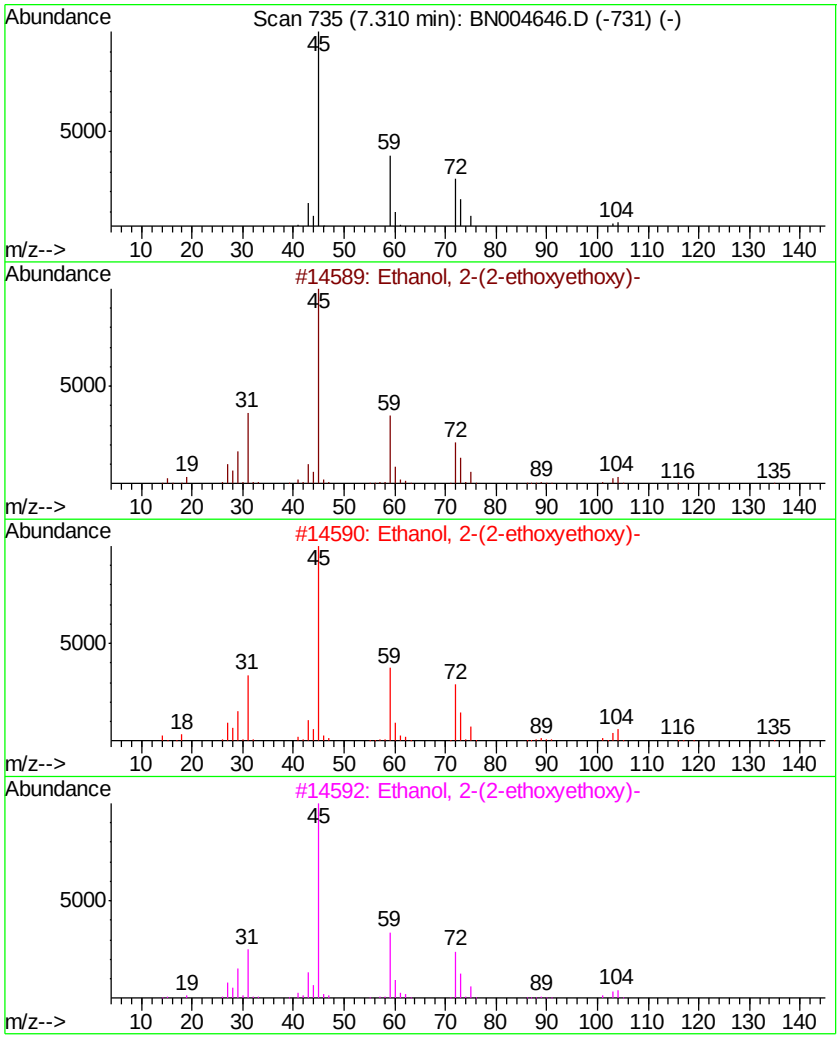
Quant Title : SVOA CALIBRATION

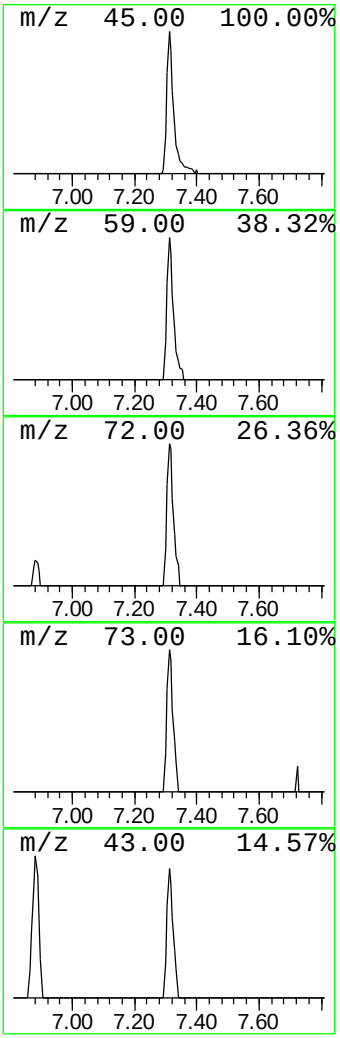
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	4.31 ng/ul	38781	1,4-Dichlorobenzene-d4	7.72

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	83
5	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	78





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

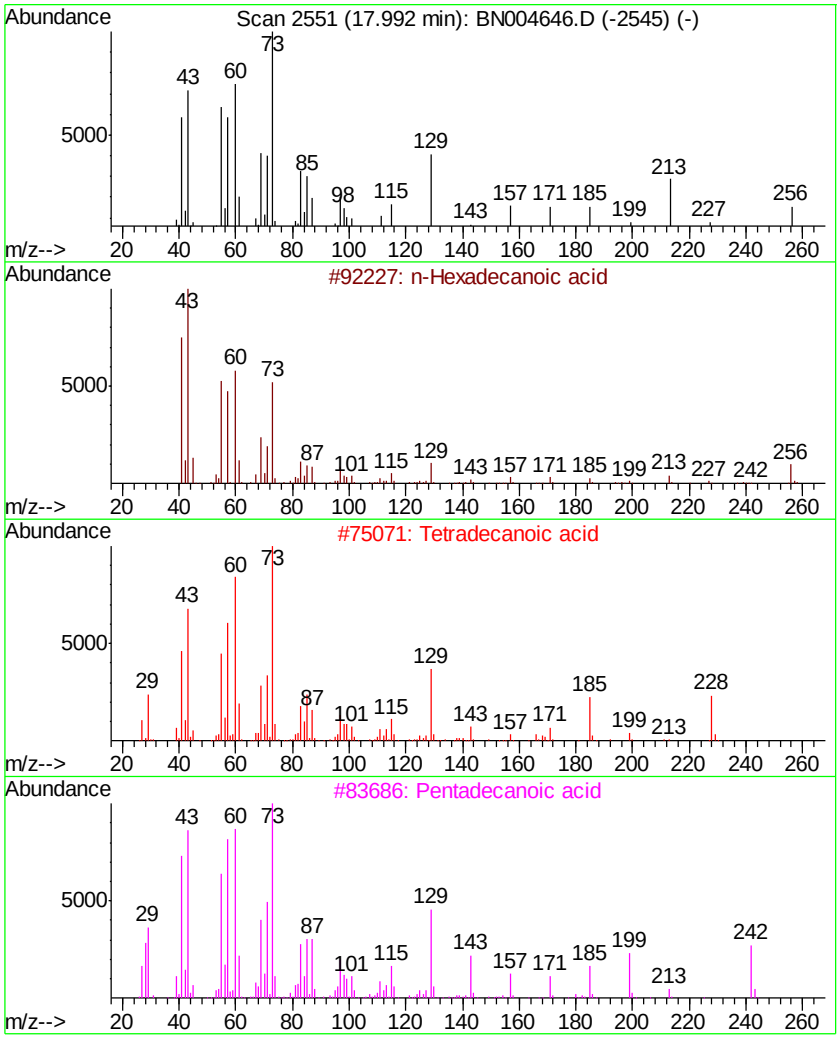
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

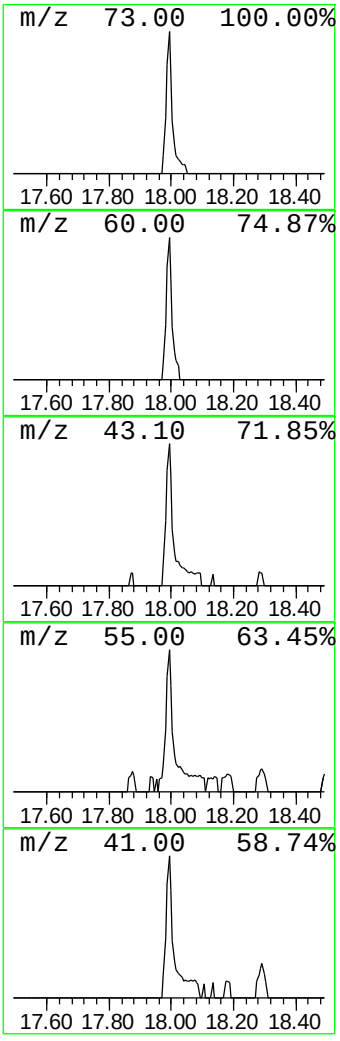
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.48 ng/ul	71453	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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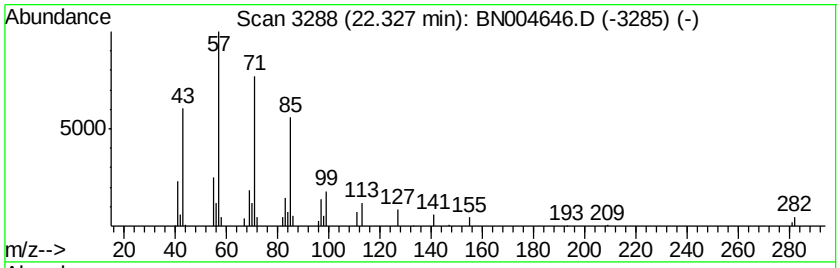
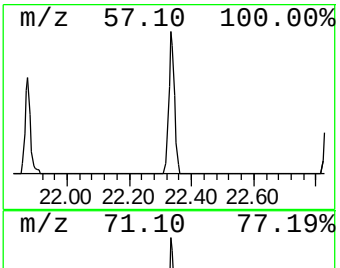
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.02 ng/ul	78298	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	95
3	Eicosane	282	C20H42	000112-95-8	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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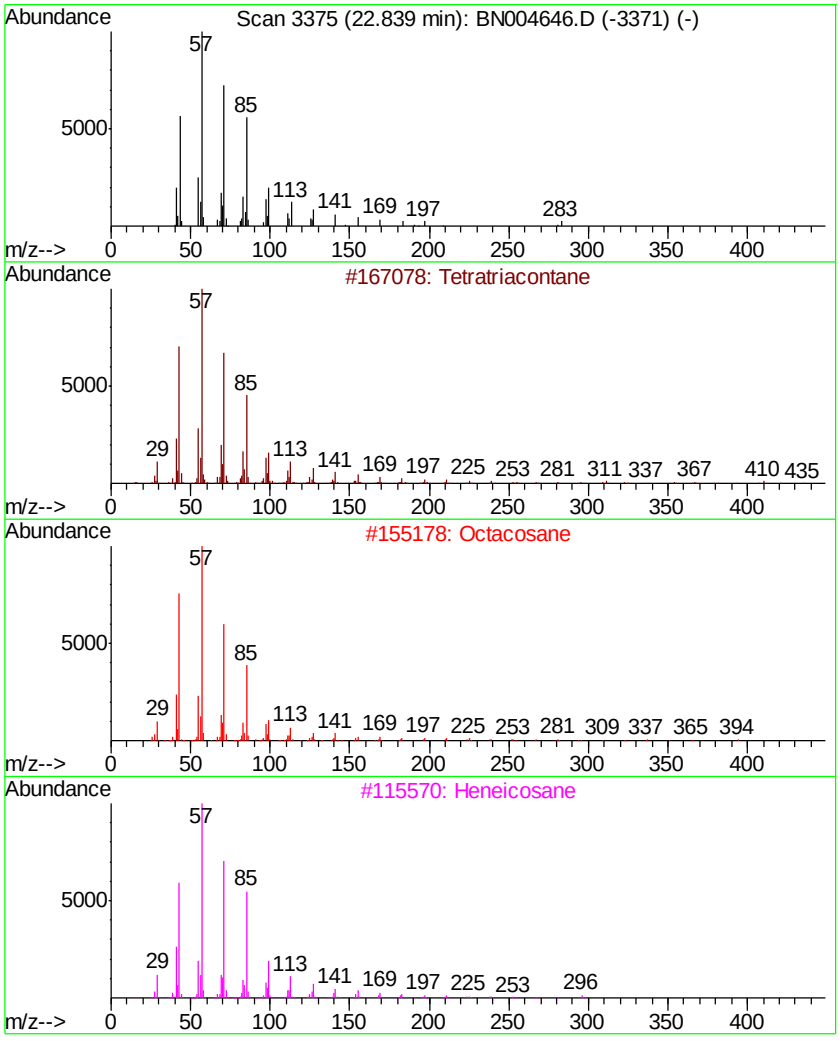
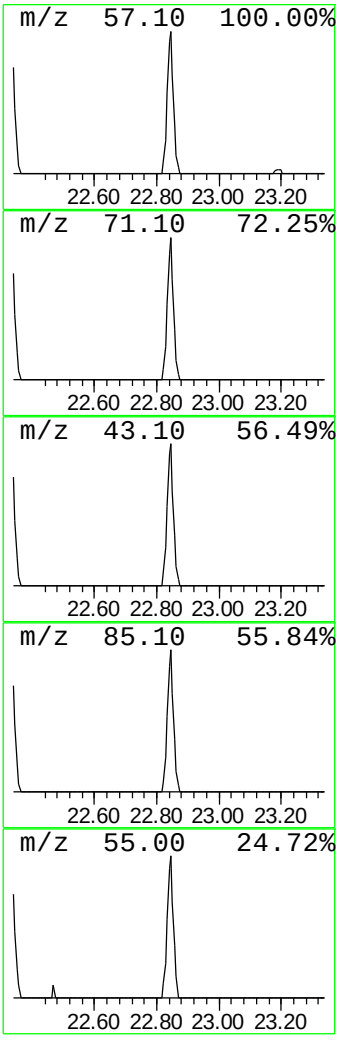
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.82 ng/ul	104256	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K1657-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

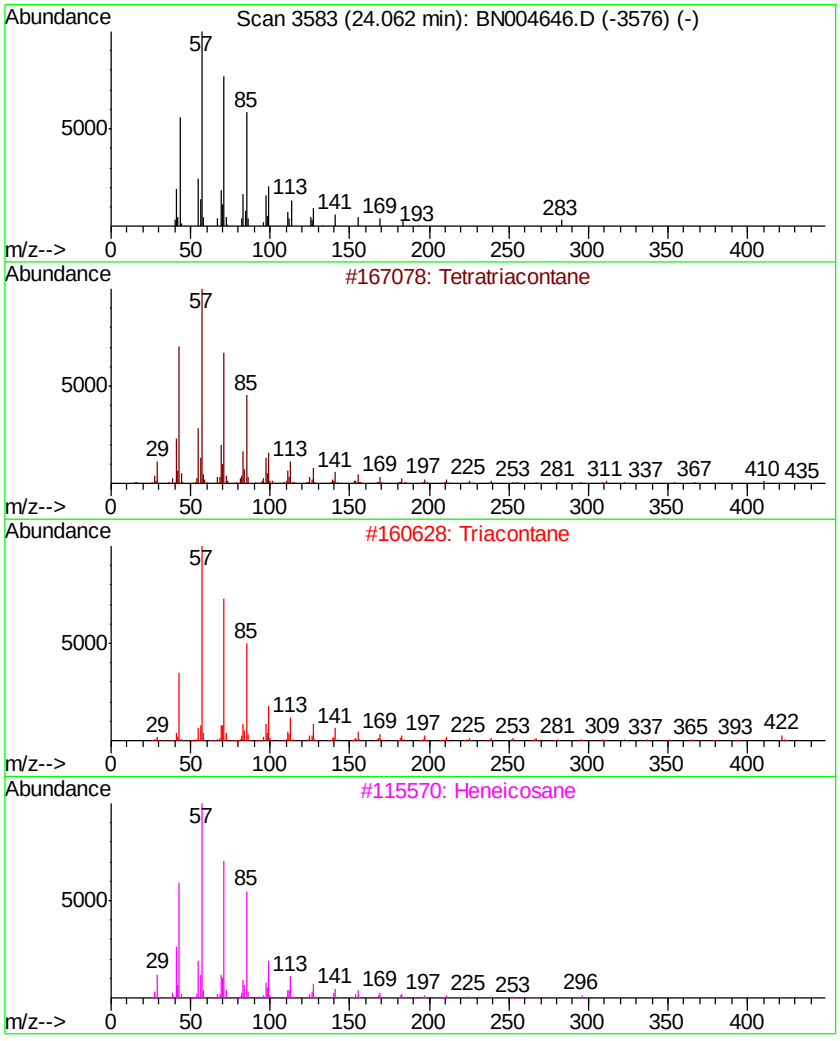
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

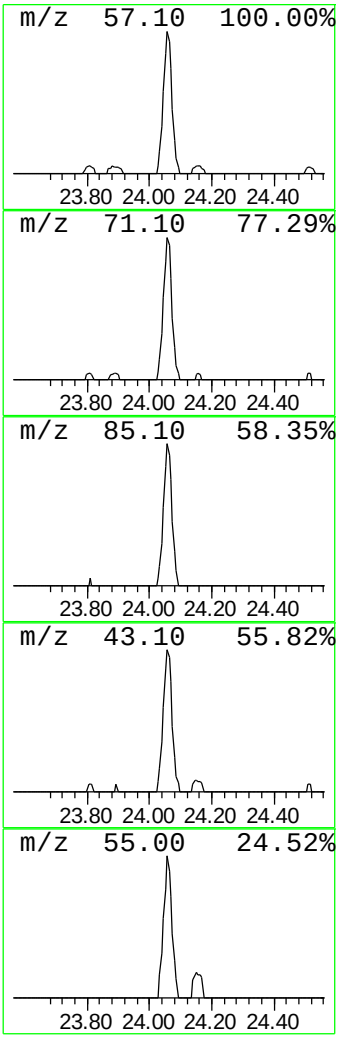
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.83 ng/ul	104604	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : K1657-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB654

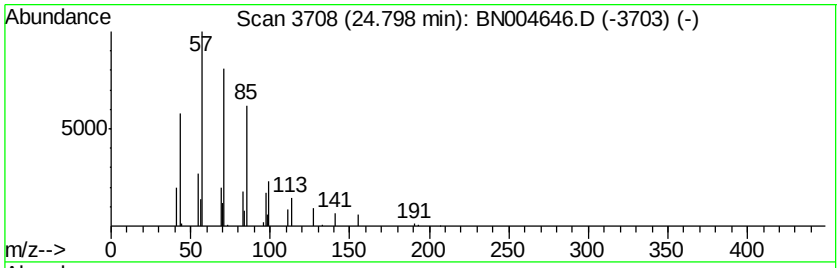
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

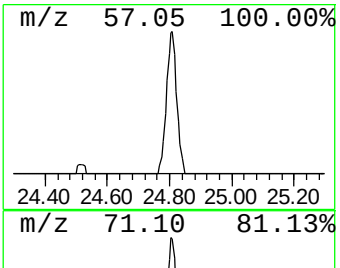
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

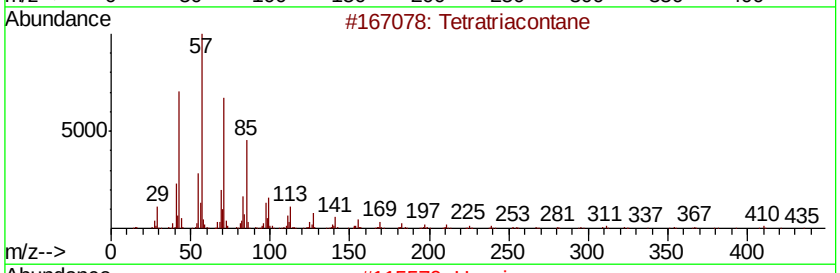
****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

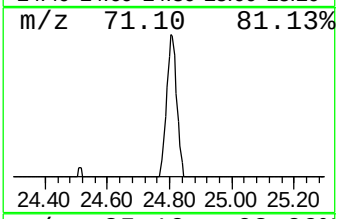
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	2.10 ng/ul	77708	Perylene-d12	23.56

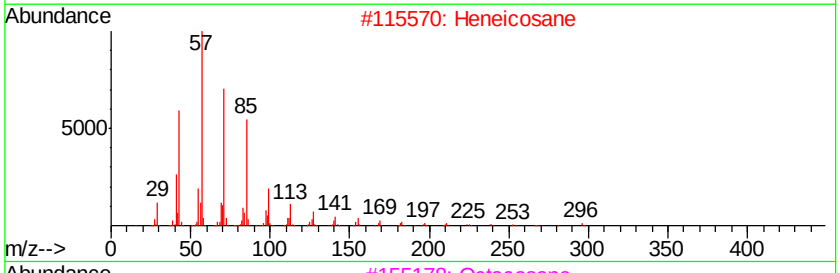
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90

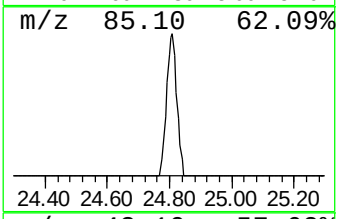


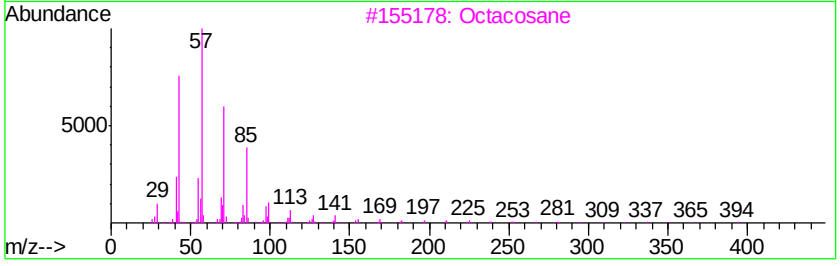


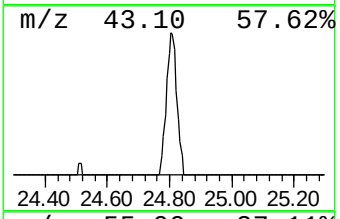


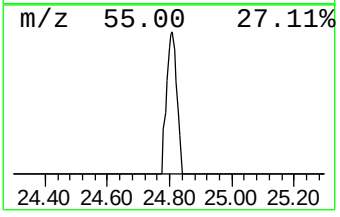












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004646.D
Acq On : 07 Mar 2019 20:39
Operator : JU/SJ
Sample : K1657-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB654

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	7.31	4.3	ng/ul	38781	1	7.72	179758	20.0
n-Hexadecanoic acid	17.99	2.5	ng/ul	71453	4	17.11	575108	20.0
(DEL) Alkane: Str...	22.33	2.0	ng/ul	78298	5	21.30	774839	20.0
(DEL) Alkane: Str...	22.84	2.8	ng/ul	104256	6	23.56	739055	20.0
(DEL) Alkane: Str...	24.06	2.8	ng/ul	104604	6	23.56	739055	20.0
(DEL) Alkane: Str...	24.80	2.1	ng/ul	77708	6	23.56	739055	20.0