LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015094.D
Acq On : 26 Jun 2021 00:54
Operator : CG/JU
Sample : M2680-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD46

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\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	30	34	41	rVB	54596	72803	1.66%	0.150%
2	3.675	97	100	120	rBV	521828	778810	17.78%	1.602%
3	3.999	152	155	160	rVB2	12601	18020	0.41%	0.037%
4	4.893	300	307	314	rBV4	5134	11823	0.27%	0.024%
5	4.969	316	320	325	rVB7	3020	5756	0.13%	0.012%
6	5.840	465	468	474	rBV2	10012	15210	0.35%	0.031%
7	6.893	640	647	657	rBV	794863	1242596	28.37%	2.556%
8	7.063	670	676	687	rVB	624301	985847	22.51%	2.028%
9	7.263	703	710	720	rVB	788787	1280133	29.23%	2.633%
10	7.728	782	789	796	rBV	599042	942498	21.52%	1.939%
11	7.793	796	800	805	rVB	8174	12005	0.27%	0.025%
12	8.416	900	906	915	rBV	902656	1466123	33.47%	3.016%
13	8.869	976	983	993	rVB	718835	1170171	26.72%	2.407%
14	9.040	1009	1012	1017	rVB5	4335	4813	0.11%	0.010%
15	9.310	1054	1058	1063	rBV	9273	11856	0.27%	0.024%
16	9.587	1097	1105	1112	rBV	511383	834693	19.06%	1.717%
17	10.116	1188	1195	1210	rBV	905949	1501223	34.28%	3.088%
18	10.275	1217	1222	1232	rBV	86675	144538	3.30%	0.297%
19	10.498	1253	1260	1268	rVB	814340	1359493	31.04%	2.797%
20	10.628	1273	1282	1294	rBV	921188	1553607	35.47%	3.196%
21	12.087	1526	1530	1536	rVB2	16655	25135	0.57%	0.052%
22	13.192	1714	1718	1721	rBV2	7732	10397	0.24%	0.021%
23	13.322	1736	1740	1743	rBV4	3916	4778	0.11%	0.010%
24	13.628	1787	1792	1798	rBV4	3890	9363	0.21%	0.019%
25	13.763	1808	1815	1827	rVB	1538858	2073855	47.35%	4.266%
26	14.045	1851	1863	1873	rBV	1833195	2733329	62.41%	5.623%
27	14.269	1895	1901	1907	rVB5	4520	8013	0.18%	0.016%
28	14.351	1907	1915	1922	rBV	1187435	1725025	39.38%	3.549%
29	14.539	1936	1947	1959	rBV	510729	745884	17.03%	1.534%
30	14.769	1983	1986	1993	rBV5	3627	7248	0.17%	0.015%
31	15.222	2058	2063	2066	rBV4	5163	7410	0.17%	0.015%
32	15.257	2066	2069	2074	rVV4	12499	22956	0.52%	0.047%
33	15.345	2074	2084	2092	rVB	2276219	3242645	74.03%	6.671%
34	15.457	2098	2103	2114	rVB	264258	364672	8.33%	0.750%
35	15.586	2121	2125	2130	rVB	23773	31509	0.72%	0.065%
36	15.916	2175	2181	2182	rBV6	3457	4951	0.11%	0.010%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : BGD46

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\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

37	16.022	2196	2199	2205	rBV6	3945	6044	0.14%	0.012%
38	16.086	2205	2210	2212	rVV5	3750	4967	0.11%	0.010%
39	16.133	2215	2218	2223	rVB4	7895	11956	0.27%	0.025%
40	16.451	2266	2272	2276	rBV4	3717	7266	0.17%	0.015%
41	16.510	2279	2282	2285	rVV4	5546	7152	0.16%	0.015%
42	16.610	2294	2299	2301	rBV4	7198	9099	0.21%	0.019%
43	16.669	2304	2309	2321	rVB2	29712	65381	1.49%	0.135%
44	16.880	2340	2345	2348	rVB4	4537	7522	0.17%	0.015%
45	17.098	2376	2382	2388	rBV	1434665	1973652	45.06%	4.060%
46	17.198	2392	2399	2408	rVB	2365497	3351433	76.52%	6.895%
47	17.469	2440	2445	2448	rBV5	3227	6227	0.14%	0.013%
48	17.639	2471	2474	2477	rVB3	4249	4527	0.10%	0.009%
49	17.786	2493	2499	2507	rBV	26842	35872	0.82%	0.074%
50	17.910	2514	2520	2526	rBV3	10497	17251	0.39%	0.035%
51	18.004	2528	2536	2540	rBV3	50986	78252	1.79%	0.161%
52	18.427	2600	2608	2615	rBV	49076	74391	1.70%	0.153%
53	18.598	2633	2637	2640	rBV6	2645	4666	0.11%	0.010%
54	18.880	2682	2685	2689	rVV3	7332	10700	0.24%	0.022%
55	18.922	2691	2692	2696	rVV4	7863	9709	0.22%	0.020%
56	18.963	2696	2699	2703	rVB5	10158	12957	0.30%	0.027%
57	19.098	2718	2722	2724	rBV4	6807	9154	0.21%	0.019%
58	19.127	2724	2727	2733	rVV	30249	38942	0.89%	0.080%
59	19.292	2751	2755	2764	rBV6	18914	29096	0.66%	0.060%
60	19.380	2766	2770	2776	rVB	20798	27690	0.63%	0.057%
61	19.445	2778	2781	2784	rBV5	7242	9941	0.23%	0.020%
62	19.498	2784	2790	2798	rBV	2928964	3886033	88.72%	7.994%
63	20.063	2884	2886	2890	rVB4	7717	8452	0.19%	0.017%
64	20.098	2890	2892	2896	rBV5	4888	7002	0.16%	0.014%
65	20.298	2923	2926	2927	rBV3	7682	6676	0.15%	0.014%
66	20.433	2946	2949	2953	rVB3	25733	25711	0.59%	0.053%
67	20.516	2958	2963	2969	rBV	4001361	4379920	100.00%	9.010%
68	21.021	3043	3049	3056	rBV2	136425	239109	5.46%	0.492%
69	21.292	3090	3095	3102	rBV	1662701	2161144	49.34%	4.446%
70	21.463	3121	3124	3128	rBV2	32908	38400	0.88%	0.079%
71	21.898	3196	3198	3202	rVB	40019	44997	1.03%	0.093%
72	22.368	3274	3278	3284	rVB2	81746	125300	2.86%	0.258%
73	22.792	3347	3350	3358	rVB6	74873	118639	2.71%	0.244%
74	22.874	3360	3364	3371	rVB	105156	161627	3.69%	0.332%
75	23.398	3445	3453	3459	rBV2	2122972	3906650	89.19%	8.037%
76	23.445	3459	3461	3468	rVV	153572	241223	5.51%	0.496%

LSC Area Percent Report

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Sample : M2680-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD46

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\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

77	23.539	3470	3477	3488	rVB2	1174448	2264718	51.71%	4.659%
78	24.098	3567	3572	3580	rVB	145651	281486	6.43%	0.579%
79	24.851	3695	3700	3710	rVB2	124949	273589	6.25%	0.563%
80	25.733	3846	3850	3860	rVB3	84032	196054	4.48%	0.403%

Sum of corrected areas: 48609765

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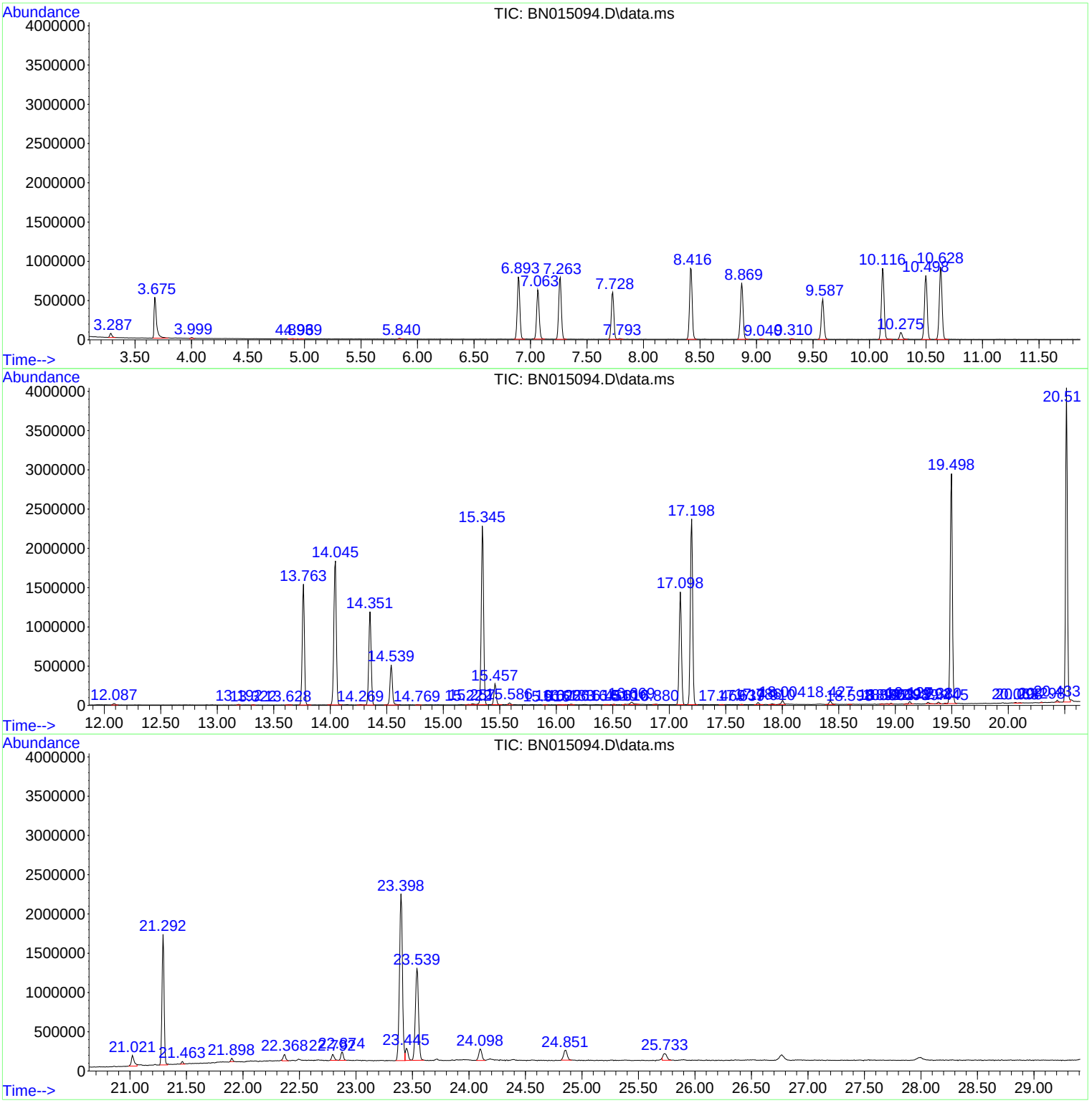
Instrument :
BNA_N
ClientSampleId :
BGD46

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
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Instrument : BNA_N
ClientSampleId : BGD46

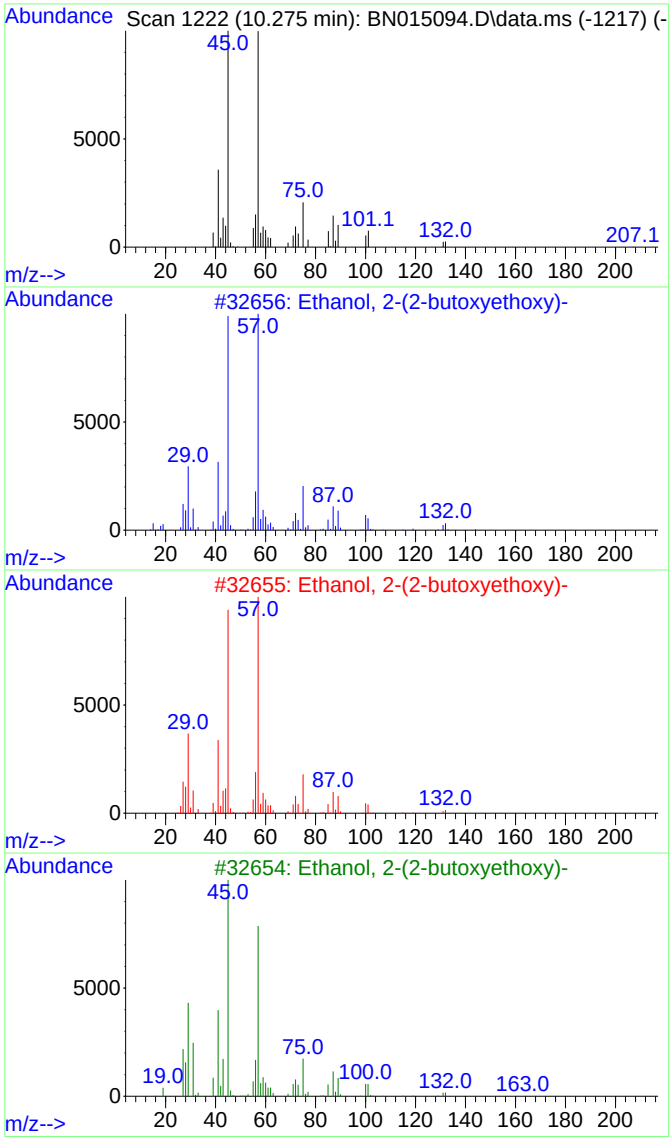
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

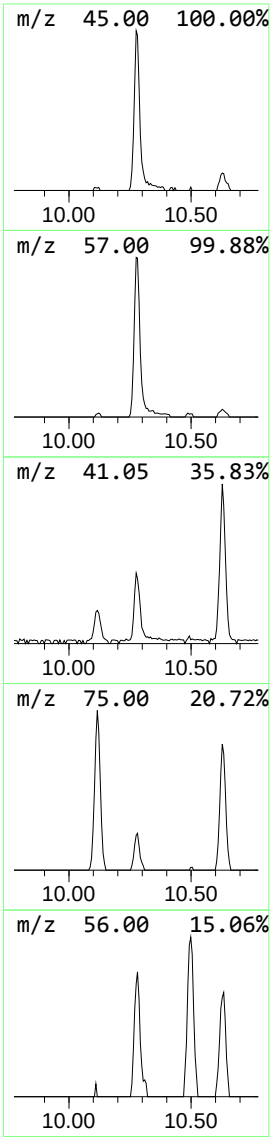
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	2.13 ng/ul	144538	Naphthalene-d8	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD46

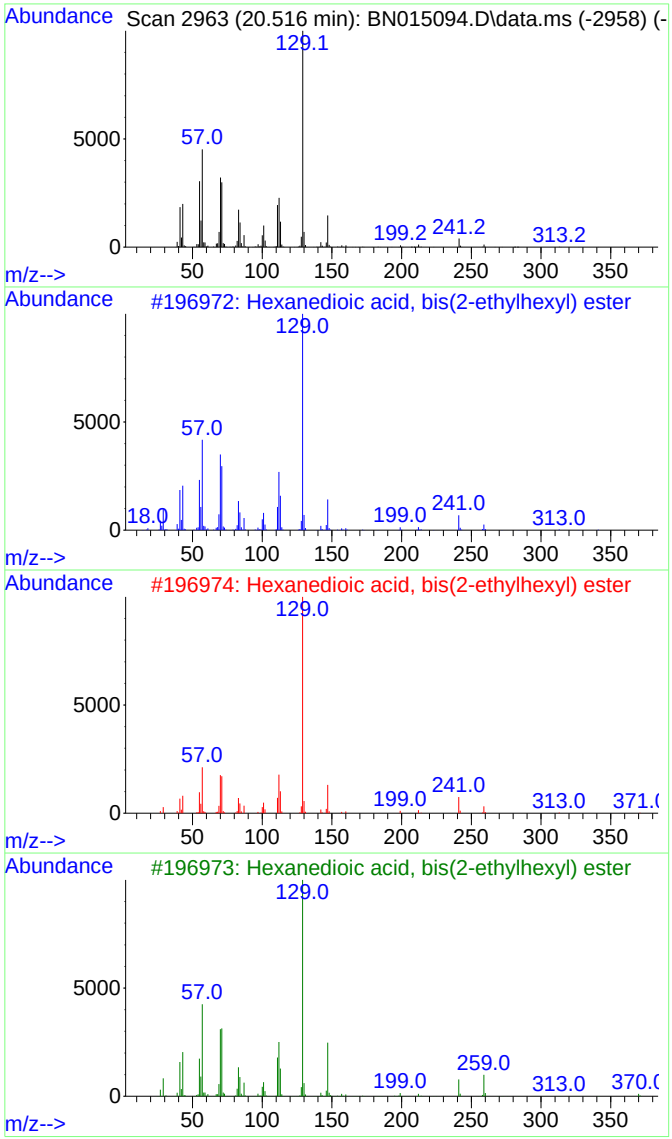
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

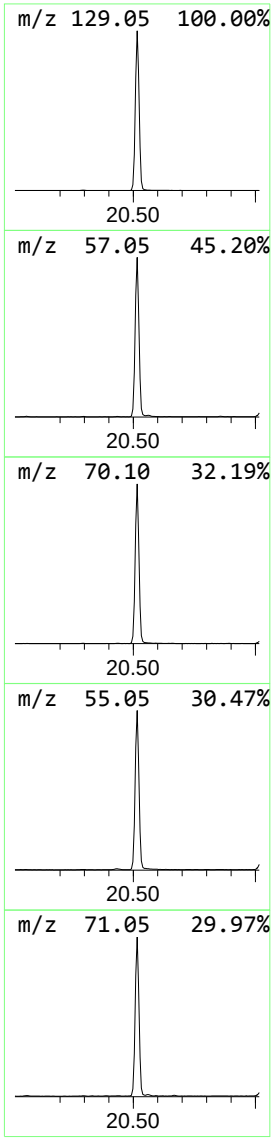
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.516	40.53 ng/ul	4379920	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
4	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

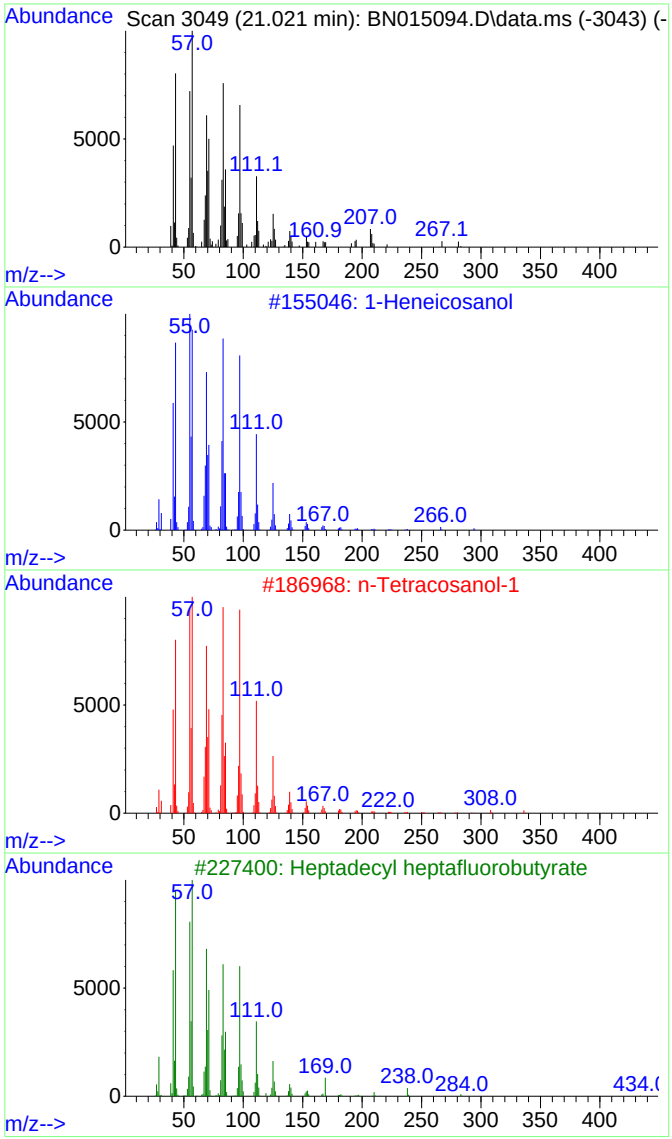
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

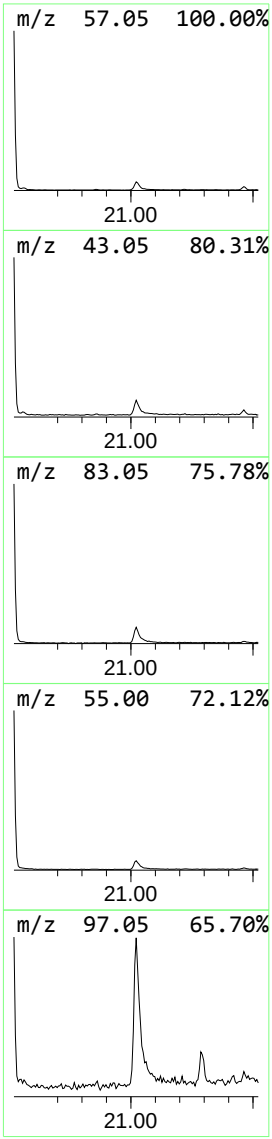
****

Peak Number 3 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	2.21 ng/ul	239109	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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BNA_N
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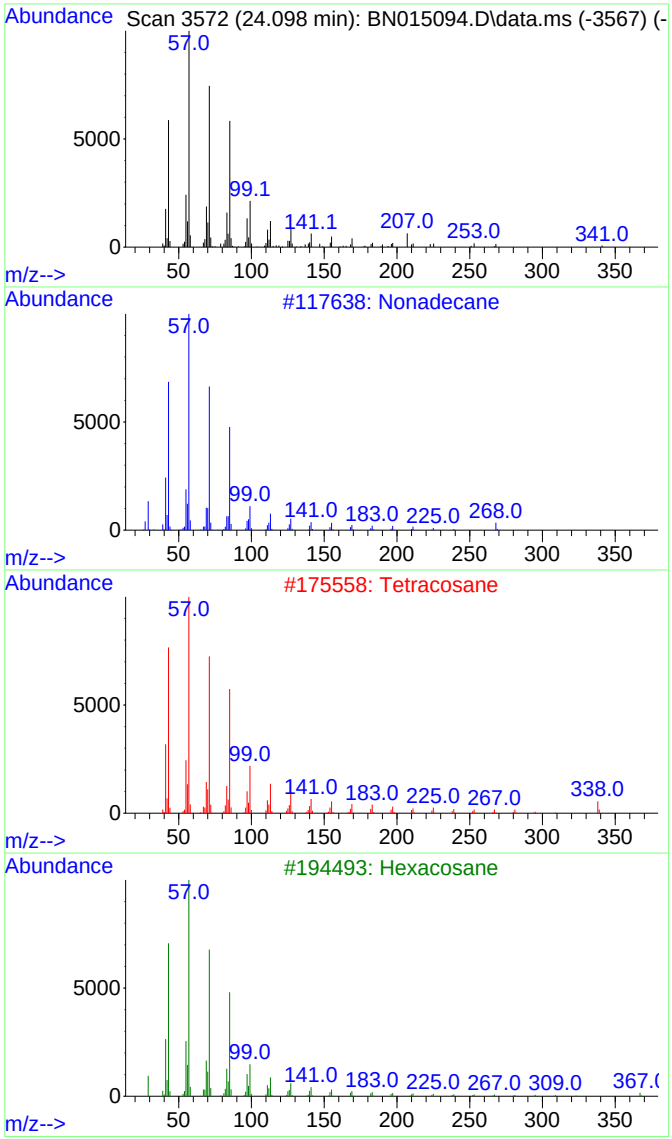
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

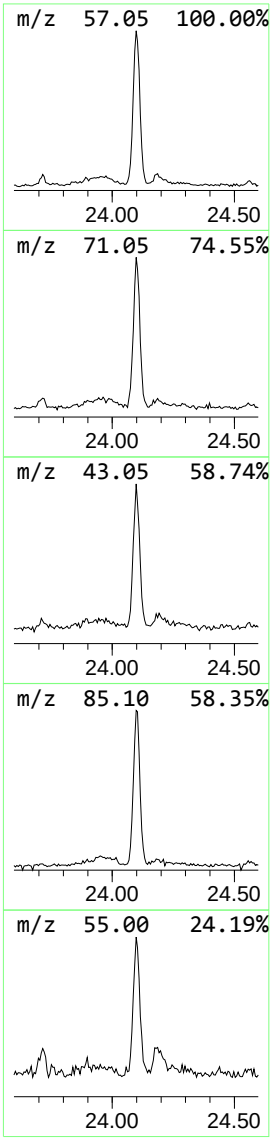
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.098	2.49 ng/ul	281486	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Misc :
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Instrument : BNA_N
ClientSampleId : BGD46

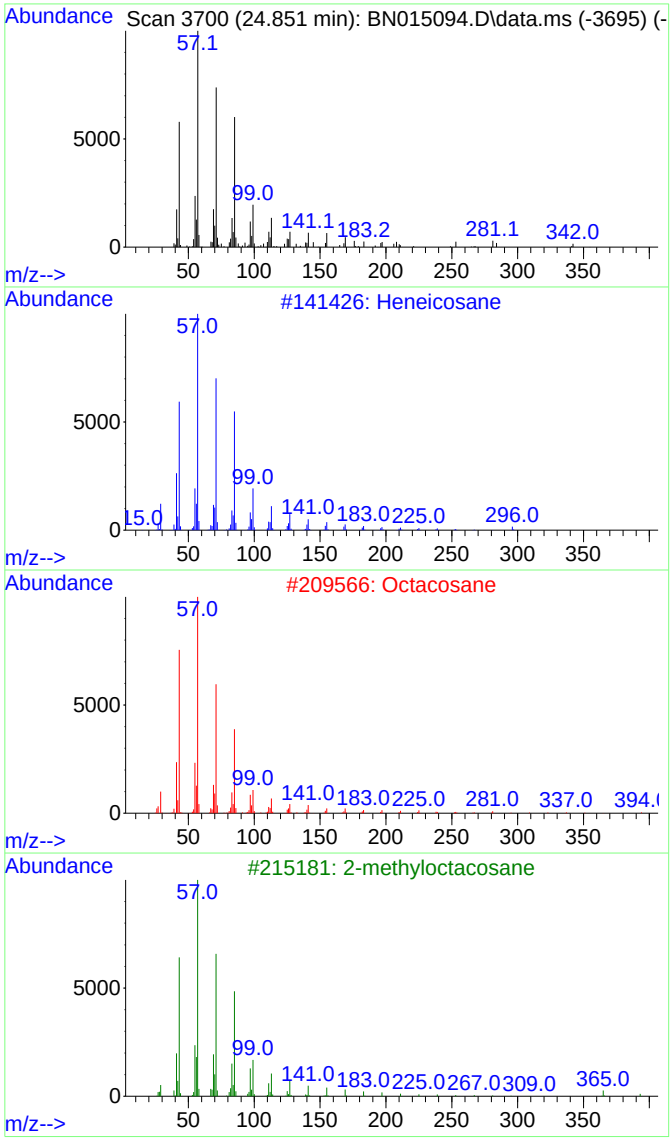
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

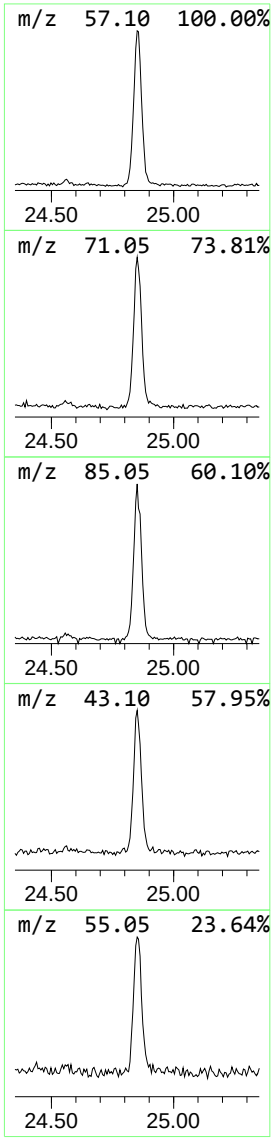
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.851	2.42 ng/ul	273589	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Eicosane	282	C20H42	000112-95-8	91





Tentatively Identified Compound (LSC) summary

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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD46

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.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-b...	10.275	2.1	ng/ul	144538	2	10.498	1359490	20.0
Hexanedioic aci...	20.516	40.5	ng/ul	4379920	5	21.292	2161140	20.0
1-Heneicosanol	21.021	2.2	ng/ul	239109	5	21.292	2161140	20.0
(DEL) Alkane: S...	24.098	2.5	ng/ul	281486	6	23.539	2264720	20.0
(DEL) Alkane: S...	24.851	2.4	ng/ul	273589	6	23.539	2264720	20.0