LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000527.D
Acq On : 21 Mar 2018 19:18
Operator : JU/SJ
Sample : J1950-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AK3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.590	21	26	37	rVB	46295	76237	1.61%	0.151%
2	4.414	160	166	177	rVB3	3994	11696	0.25%	0.023%
3	4.766	220	226	234	rBV	40693	62171	1.31%	0.123%
4	5.414	333	336	339	rVB2	3795	5350	0.11%	0.011%
5	5.578	361	364	369	rVB	8866	12843	0.27%	0.025%
6	6.425	499	508	523	rBV	1082435	1648276	34.74%	3.264%
7	6.543	523	528	531	rVV	7095	12537	0.26%	0.025%
8	6.572	531	533	542	rVB3	4622	7688	0.16%	0.015%
9	7.002	599	606	613	rVB	16539	27986	0.59%	0.055%
10	7.566	692	702	710	rBV	350823	580144	12.23%	1.149%
11	7.725	720	729	741	rBV	696226	1131210	23.84%	2.240%
12	7.819	741	745	750	rVB2	3740	5518	0.12%	0.011%
13	7.943	758	766	773	rBV	824105	1333914	28.11%	2.641%
14	8.007	773	777	781	rVB2	3652	5901	0.12%	0.012%
15	8.419	840	847	854	rBV	720512	1193763	25.16%	2.364%
16	8.978	937	942	947	rBV2	3577	6033	0.13%	0.012%
17	9.131	961	968	977	rBV	849471	1403109	29.57%	2.778%
18	9.602	1039	1048	1057	rBV	836889	1423462	30.00%	2.819%
19	9.678	1057	1061	1068	rVB5	4360	9030	0.19%	0.018%
20	10.331	1161	1172	1179	rBV	697248	1190976	25.10%	2.358%
21	10.466	1191	1195	1199	rBV4	4243	7049	0.15%	0.014%
22	10.872	1257	1264	1280	rBV	1093600	1921333	40.49%	3.805%
23	11.260	1322	1330	1337	rBV	1061332	1834890	38.67%	3.633%
24	11.507	1368	1372	1380	rBV4	3683	6104	0.13%	0.012%
25	11.596	1383	1387	1394	rVV2	8284	13551	0.29%	0.027%
26	12.737	1577	1581	1586	rBV2	9318	15172	0.32%	0.030%
27	12.813	1590	1594	1601	rVB	19859	30468	0.64%	0.060%
28	13.466	1701	1705	1711	rVB2	6119	8217	0.17%	0.016%
29	13.631	1730	1733	1736	rBV2	3708	5157	0.11%	0.010%
30	14.425	1862	1868	1875	rBV	1935095	2738967	57.72%	5.424%
31	14.478	1875	1877	1881	rVB2	7454	8174	0.17%	0.016%
32	14.737	1914	1921	1929	rBV	2303850	3416170	72.00%	6.765%
33	14.866	1939	1943	1952	rVB5	6812	15488	0.33%	0.031%
34	15.037	1966	1972	1980	rBV2	1551702	2411232	50.82%	4.775%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J1950-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AK3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

35	15.107	1981	1984	1987	rVB	7524	8985	0.19%	0.018%
36	15.231	1997	2005	2013	rBV	344840	533208	11.24%	1.056%
37	15.401	2028	2034	2036	rBV6	3686	5802	0.12%	0.011%
38	15.425	2036	2038	2044	rVB3	3806	5164	0.11%	0.010%
39	15.819	2101	2105	2110	rVB2	7713	11075	0.23%	0.022%
40	16.019	2132	2139	2147	rBV	2848421	4119358	86.82%	8.157%
41	16.136	2153	2159	2170	rBV	549832	794472	16.74%	1.573%
42	16.254	2171	2179	2184	rVB2	34237	55613	1.17%	0.110%
43	16.513	2220	2223	2230	rBV3	3927	6391	0.13%	0.013%
44	16.825	2273	2276	2280	rVB4	4504	5232	0.11%	0.010%
45	16.872	2280	2284	2288	rBV2	9996	13176	0.28%	0.026%
46	16.960	2296	2299	2303	rVB2	5784	6781	0.14%	0.013%
47	17.119	2322	2326	2328	rBV4	4315	6096	0.13%	0.012%
48	17.260	2345	2350	2353	rBV4	6368	7336	0.15%	0.015%
49	17.413	2374	2376	2383	rVB7	7796	10147	0.21%	0.020%
50	17.548	2391	2399	2404	rVB2	11127	20020	0.42%	0.040%
51	17.619	2409	2411	2415	rBV	5180	5774	0.12%	0.011%
52	17.766	2429	2436	2442	rBV2	1962676	2843319	59.92%	5.630%
53	17.866	2446	2453	2461	rBV2	2868217	4365957	92.01%	8.646%
54	17.925	2461	2463	2467	rVB4	4553	5818	0.12%	0.012%
55	18.007	2473	2477	2481	rBV3	18357	27106	0.57%	0.054%
56	18.072	2485	2488	2493	rBV5	9389	15289	0.32%	0.030%
57	18.207	2506	2511	2512	rBV5	3788	5275	0.11%	0.010%
58	18.378	2535	2540	2546	rBV	443736	531723	11.21%	1.053%
59	18.495	2557	2560	2564	rBV5	4940	8273	0.17%	0.016%
60	18.595	2573	2577	2586	rBV3	78616	129323	2.73%	0.256%
61	18.795	2608	2611	2615	rVB3	5945	8102	0.17%	0.016%
62	18.972	2637	2641	2644	rBV4	9615	12111	0.26%	0.024%
63	19.072	2654	2658	2662	rVB	20605	28556	0.60%	0.057%
64	19.119	2664	2666	2670	rVB5	8903	11800	0.25%	0.023%
65	19.242	2685	2687	2693	rBV7	5432	8357	0.18%	0.017%
66	19.495	2726	2730	2732	rBV	98944	113263	2.39%	0.224%
67	19.525	2732	2735	2739	rVB	138120	160474	3.38%	0.318%
68	19.654	2752	2757	2762	rBV	566429	633088	13.34%	1.254%
69	19.754	2768	2774	2778	rBV	48731	78847	1.66%	0.156%
70	19.848	2786	2790	2798	rBV2	67808	111982	2.36%	0.222%
71	20.007	2814	2817	2824	rVB	37405	57855	1.22%	0.115%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : C0AK3

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

72	20.119	2830	2836	2846	rBV2	3311100	4744864	100.00%	9.396%
73	21.889	3131	3137	3146	rBV	1908543	2601314	54.82%	5.151%
74	23.530	3413	3416	3423	rVB	150338	223586	4.71%	0.443%
75	24.165	3520	3524	3526	rBV	136932	229401	4.83%	0.454%
76	24.218	3526	3533	3543	rVB2	1583161	3291701	69.37%	6.518%
77	24.377	3553	3560	3569	rVB2	997531	2057489	43.36%	4.074%

Sum of corrected areas: 50499319

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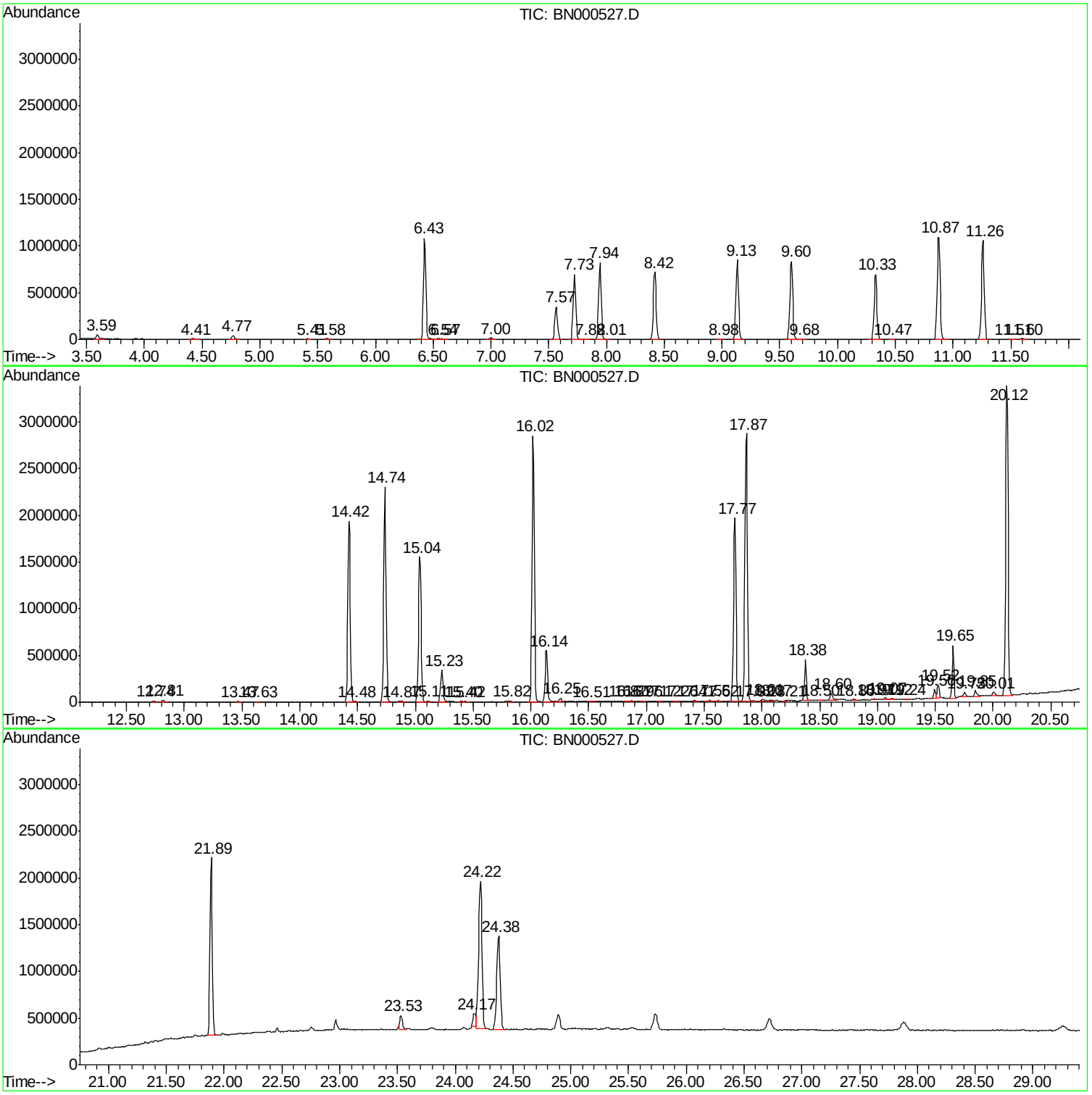
Sample : J1950-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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
ClientSampleId : C0AK3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

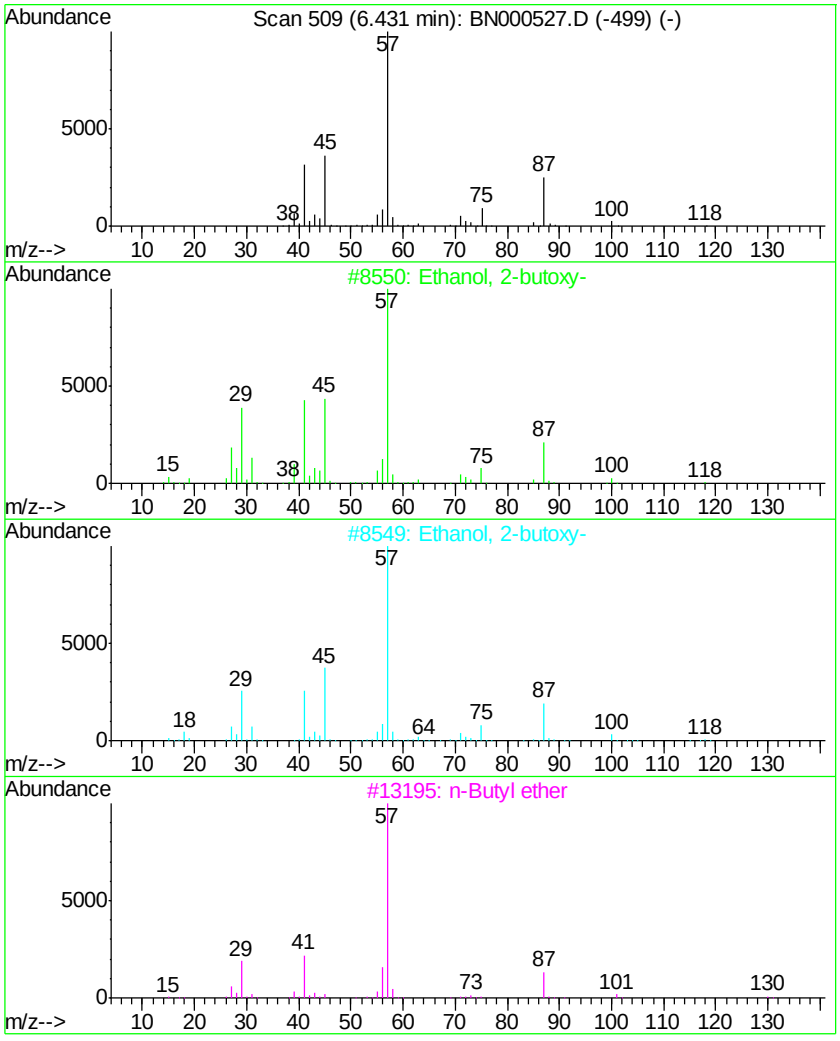
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

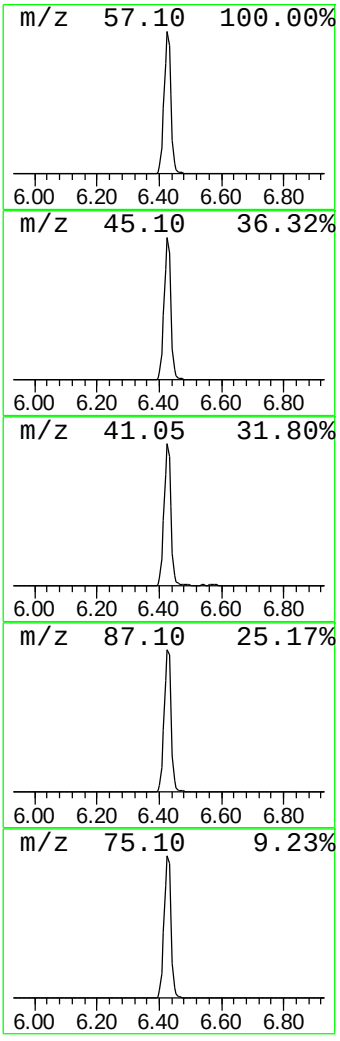
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	27.61 ng/ul	1648280	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	58
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	46
3	n-Butyl ether	130	C8H18O	000142-96-1	43
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	43
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43





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Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

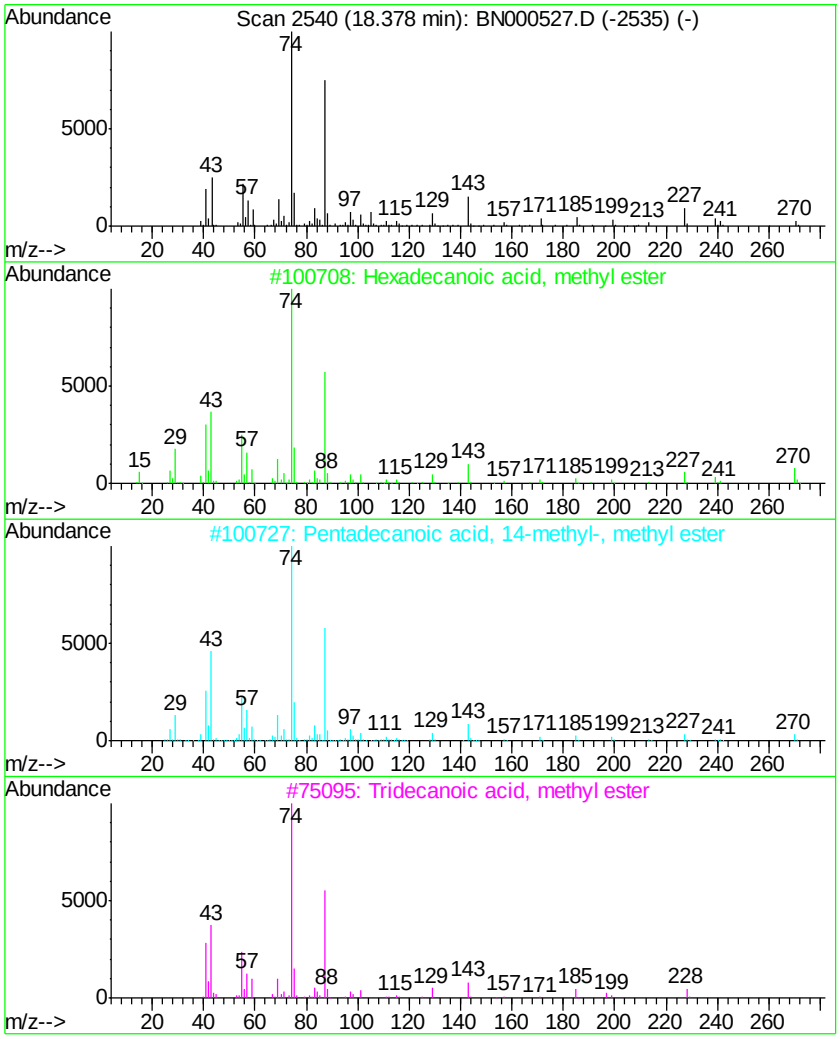
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

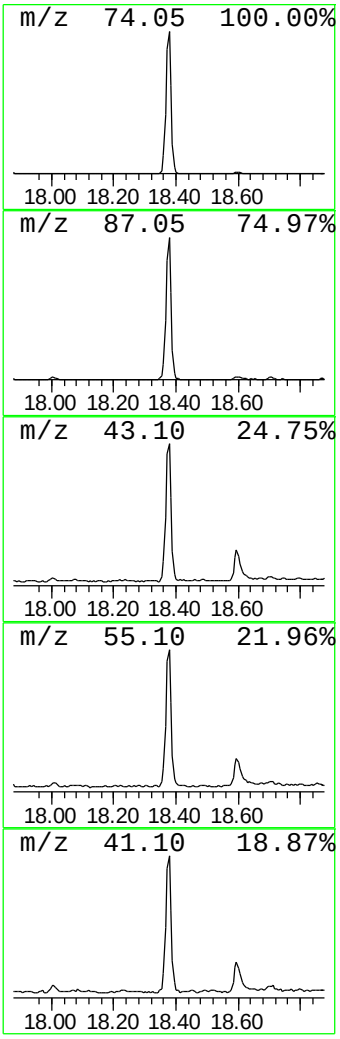
****

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.74 ng/ul	531723	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	91
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C0AK3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

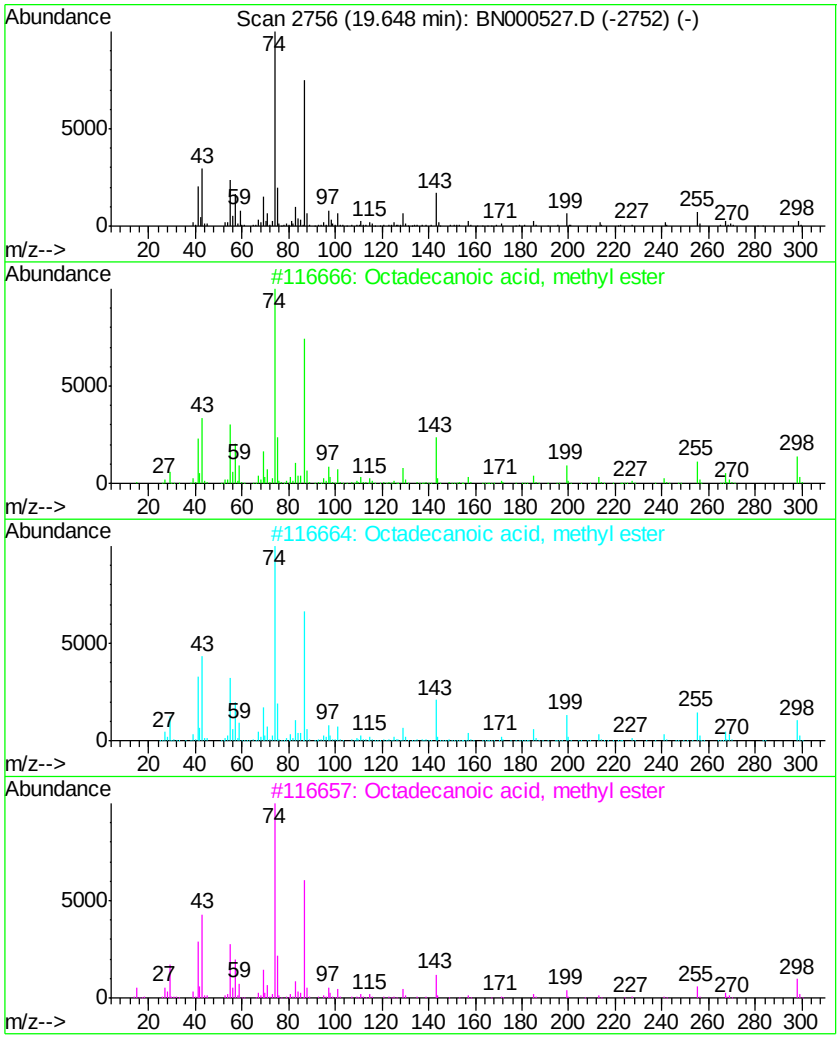
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

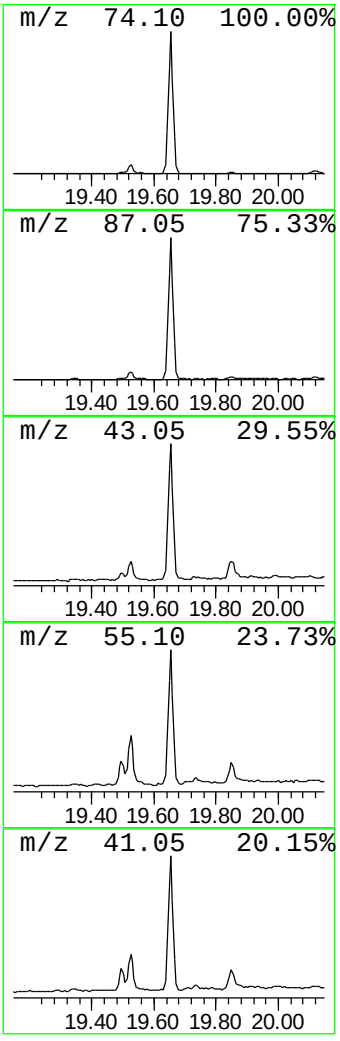
****

Peak Number 3 Octadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	4.45 ng/ul	633088	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	98
2	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	98
3	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
4	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93





Library Search Compound Report

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Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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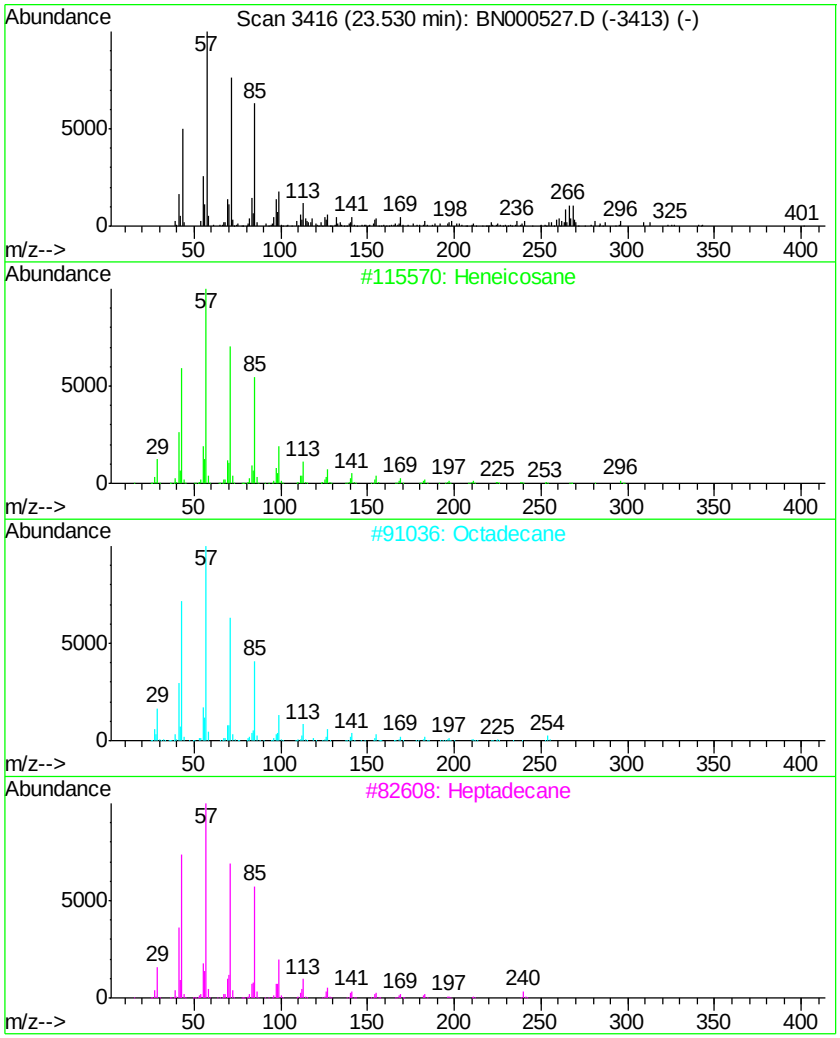
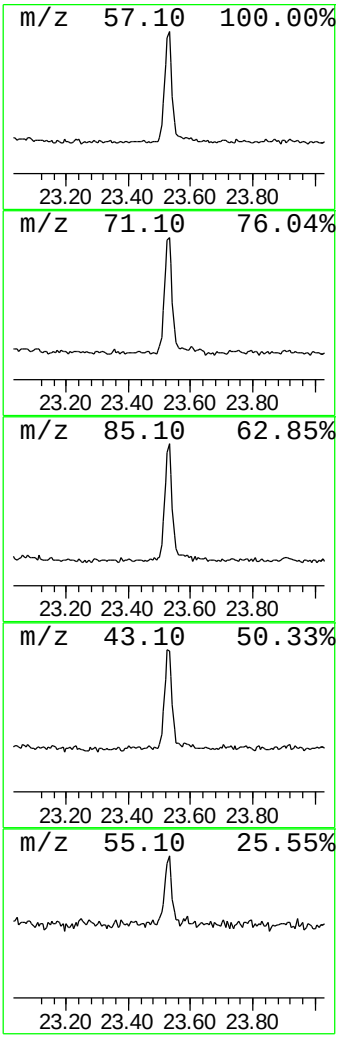
Peak Number 4 (DEL) Alkane: Cyclic23.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	2.17 ng/ul	223586	Perylene-d12	24.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Octadecane	254	C18H38	000593-45-3	92
3	Heptadecane	240	C17H36	000629-78-7	89
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5	Nonadecane	268	C19H40	000629-92-5	72





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Misc :
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Instrument : BNA_N
ClientSampleId : C0AK3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

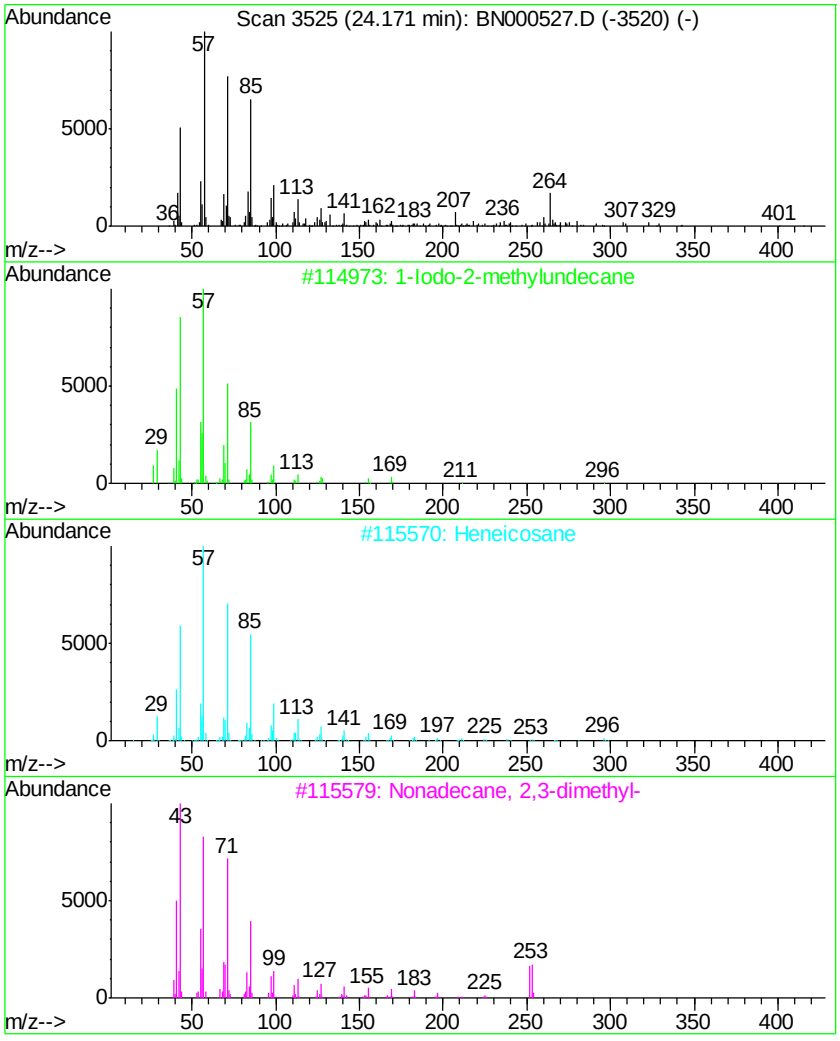
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

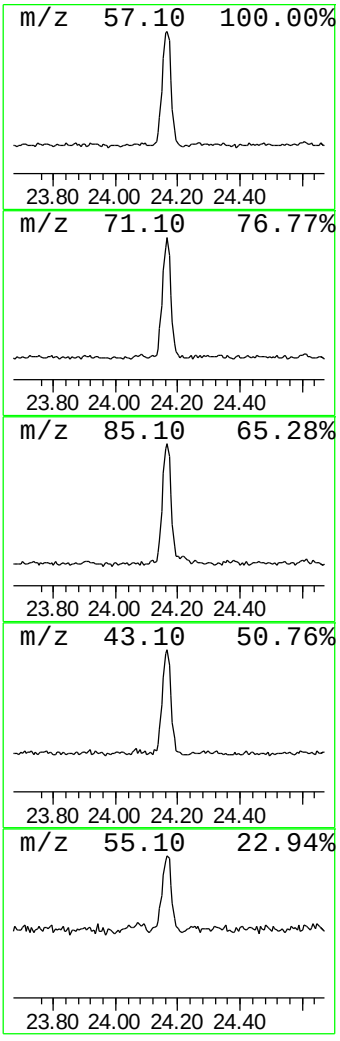
****

Peak Number 5 1-Iodo-2-methylundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	2.23 ng/ul	229401	Perylene-d12	24.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
ClientSampleId : C0AK3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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-butoxy-	6.43	27.6	ng/ul	1648280	1	8.42	1193760	20.0
Hexadecanoic acid...	18.38	3.7	ng/ul	531723	4	17.77	2843320	20.0
Octadecanoic acid...	19.65	4.5	ng/ul	633088	4	17.77	2843320	20.0
(DEL) Alkane: Cyc...	23.53	2.2	ng/ul	223586	6	24.38	2057490	20.0
1-Iodo-2-methylun...	24.17	2.2	ng/ul	229401	6	24.38	2057490	20.0