LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011893.D
Acq On : 04 Oct 2022 03:36
Operator : CG/JU
Sample : N4749-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8N4

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_P\Methods\SFAM-EPA-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP011893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	4	8	32	rVB	4933156	6115177	76.03%	8.478%
2	3.299	49	53	60	rVB	58384	74838	0.93%	0.104%
3	3.728	124	126	140	rBV	210212	338449	4.21%	0.469%
4	3.952	160	164	169	rVB	28474	43653	0.54%	0.061%
5	4.052	177	181	187	rVB	19286	26107	0.32%	0.036%
6	4.987	335	340	346	rBV2	40340	63260	0.79%	0.088%
7	7.052	681	691	704	rBV	193813	371721	4.62%	0.515%
8	7.216	711	719	734	rBV	802534	1285266	15.98%	1.782%
9	7.416	746	753	765	rBV	756149	1213618	15.09%	1.683%
10	7.887	823	833	841	rBV	890172	1428401	17.76%	1.980%
11	7.952	841	844	849	rVB	13942	21752	0.27%	0.030%
12	8.599	946	954	972	rBV	595770	1038475	12.91%	1.440%
13	9.052	1024	1031	1046	rBV	851275	1423830	17.70%	1.974%
14	9.463	1095	1101	1105	rBV2	13752	21745	0.27%	0.030%
15	9.775	1146	1154	1166	rBV	623542	1062965	13.22%	1.474%
16	10.316	1236	1246	1264	rBV	1022912	1815197	22.57%	2.517%
17	10.510	1273	1279	1284	rVB8	5239	11412	0.14%	0.016%
18	10.699	1302	1311	1326	rBV	1184442	2078352	25.84%	2.881%
19	10.834	1327	1334	1355	rVV	734980	1391759	17.30%	1.930%
20	10.993	1356	1361	1366	rVB6	7129	13699	0.17%	0.019%
21	11.369	1418	1425	1431	rBV4	5721	11693	0.15%	0.016%
22	11.522	1449	1451	1461	rVB4	5191	8367	0.10%	0.012%
23	12.110	1545	1551	1555	rBV8	5097	8374	0.10%	0.012%
24	12.287	1576	1581	1589	rVB	18217	32563	0.40%	0.045%
25	12.528	1615	1622	1627	rBV	17510	27607	0.34%	0.038%
26	13.093	1709	1718	1725	rBV2	45751	109879	1.37%	0.152%
27	13.351	1758	1762	1770	rVB2	14167	24820	0.31%	0.034%
28	13.428	1770	1775	1782	rVV5	14705	28484	0.35%	0.039%
29	13.504	1785	1788	1794	rVB6	6059	10476	0.13%	0.015%
30	13.851	1837	1847	1856	rBV	826943	1196844	14.88%	1.659%
31	13.946	1856	1863	1878	rVB	2096805	3060781	38.05%	4.244%
32	14.228	1900	1911	1918	rBV	2505283	3731780	46.40%	5.174%
33	14.293	1918	1922	1929	rVB	123094	183939	2.29%	0.255%
34	14.422	1942	1944	1951	rVB6	5930	9523	0.12%	0.013%
35	14.534	1955	1963	1970	rBV	1840180	2726659	33.90%	3.780%
36	14.593	1970	1973	1985	rVB5	21270	52942	0.66%	0.073%

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Instrument :
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Title : SVOA CALIBRATION

37	14.740	1993	1998	2013	rBV	110234	258075	3.21%	0.358%
38	14.951	2030	2034	2040	rVB7	10279	18385	0.23%	0.025%
39	15.281	2083	2090	2097	rBV	610533	850527	10.57%	1.179%
40	15.357	2098	2103	2111	rVB	63069	100989	1.26%	0.140%
41	15.422	2111	2114	2121	rVB5	12688	20136	0.25%	0.028%
42	15.528	2125	2132	2145	rBV	3523277	5081996	63.18%	7.046%
43	15.645	2145	2152	2163	rBV	886004	1256127	15.62%	1.742%
44	15.769	2169	2173	2181	rVB4	17989	33348	0.41%	0.046%
45	17.287	2425	2431	2442	rBV	2314860	3274941	40.72%	4.540%
46	17.387	2442	2448	2463	rVV	3866581	5709311	70.98%	7.915%
47	18.169	2577	2581	2591	rBV	127011	196826	2.45%	0.273%
48	19.198	2752	2756	2761	rBV	55527	80989	1.01%	0.112%
49	19.269	2764	2768	2771	rBV	62092	95591	1.19%	0.133%
50	19.398	2787	2790	2797	rBV2	86710	135043	1.68%	0.187%
51	19.622	2822	2828	2838	rBV	5505168	7433463	92.42%	10.306%
52	20.622	2996	2998	3002	rVB3	68581	63814	0.79%	0.088%
53	21.080	3072	3076	3083	rBV	274660	404029	5.02%	0.560%
54	21.375	3121	3126	3134	rBV	2973221	3907888	48.59%	5.418%
55	23.651	3506	3513	3527	rVB2	4000003	8043395	100.00%	11.151%
56	23.810	3533	3540	3551	rVB2	1955158	4099308	50.96%	5.683%

Sum of corrected areas: 72128588

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Misc :
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Instrument :
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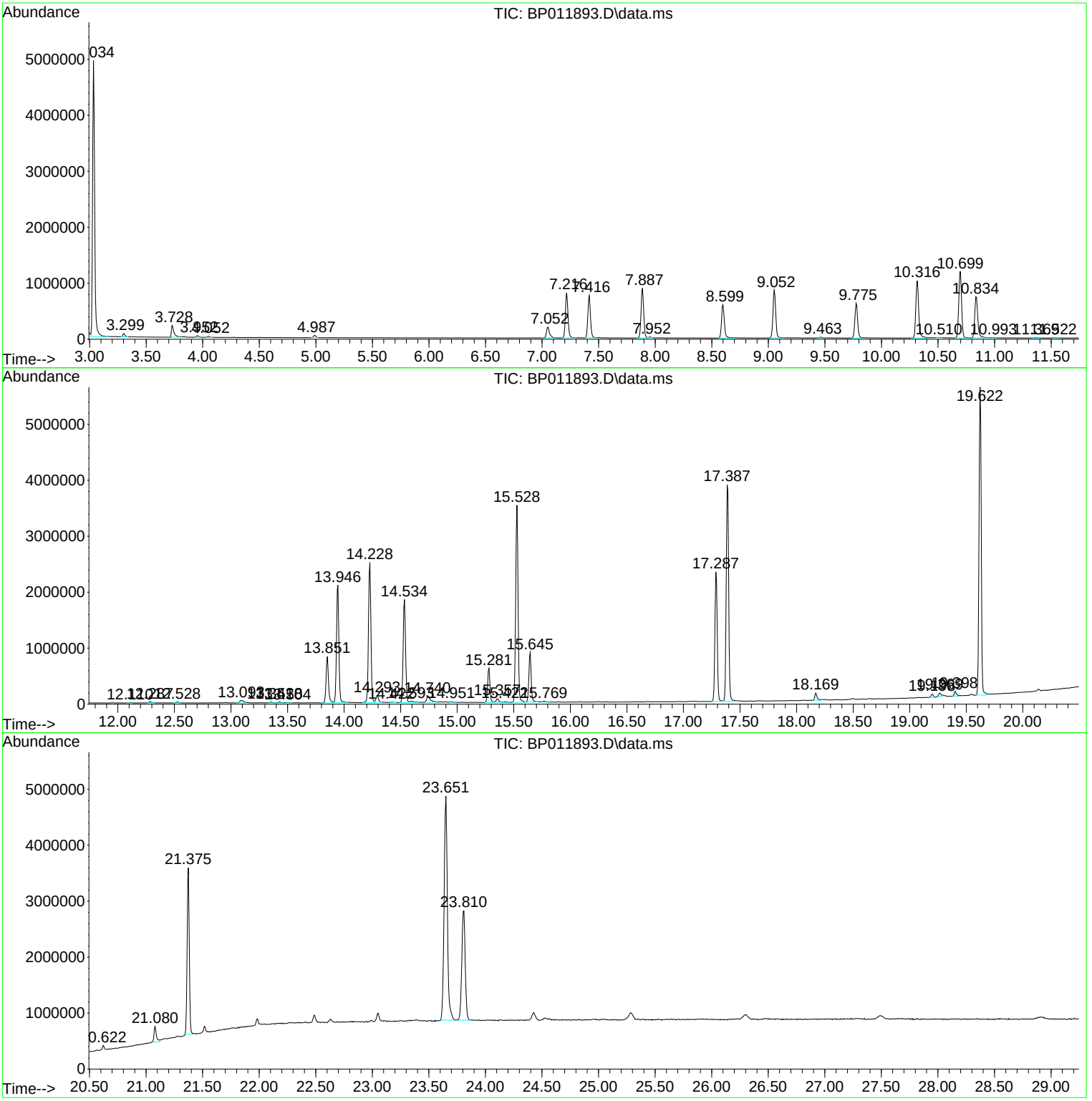
ClientSampleId :
CB8N4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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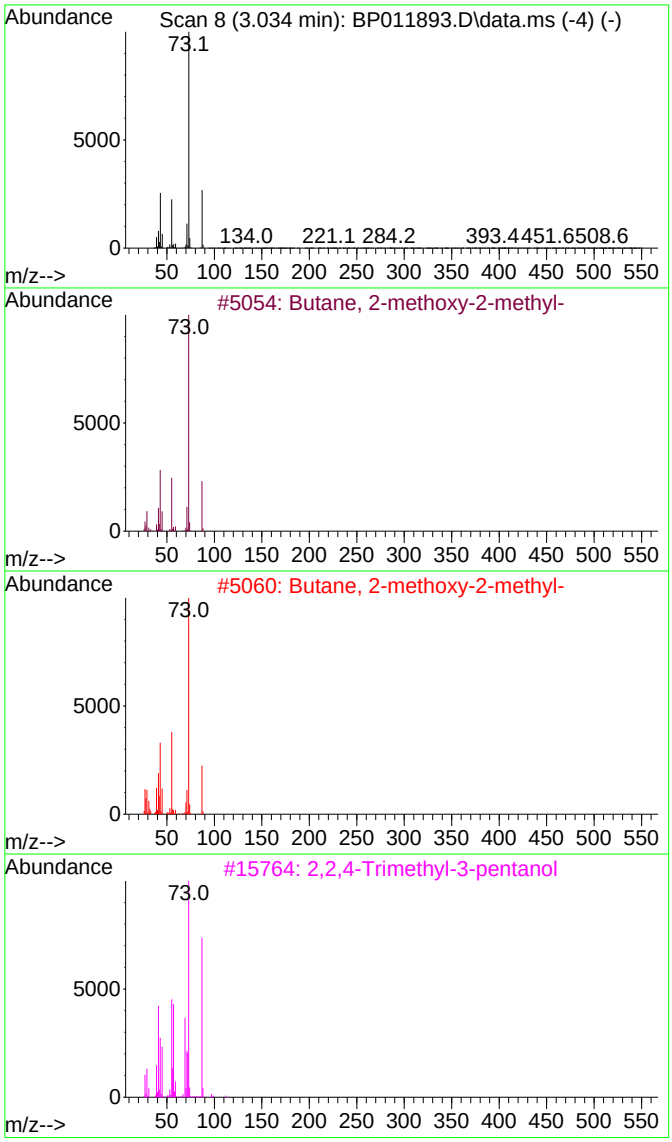
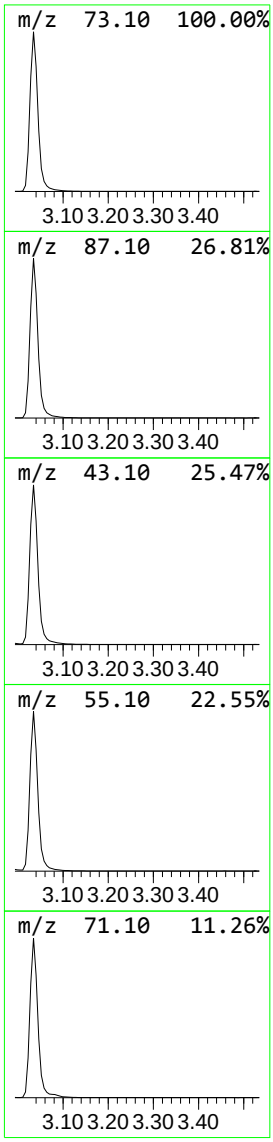
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	85.62 ng/ul	6115180	1,4-Dichlorobenzene-d4	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Operator : CG/JU
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Instrument :
BNA_P
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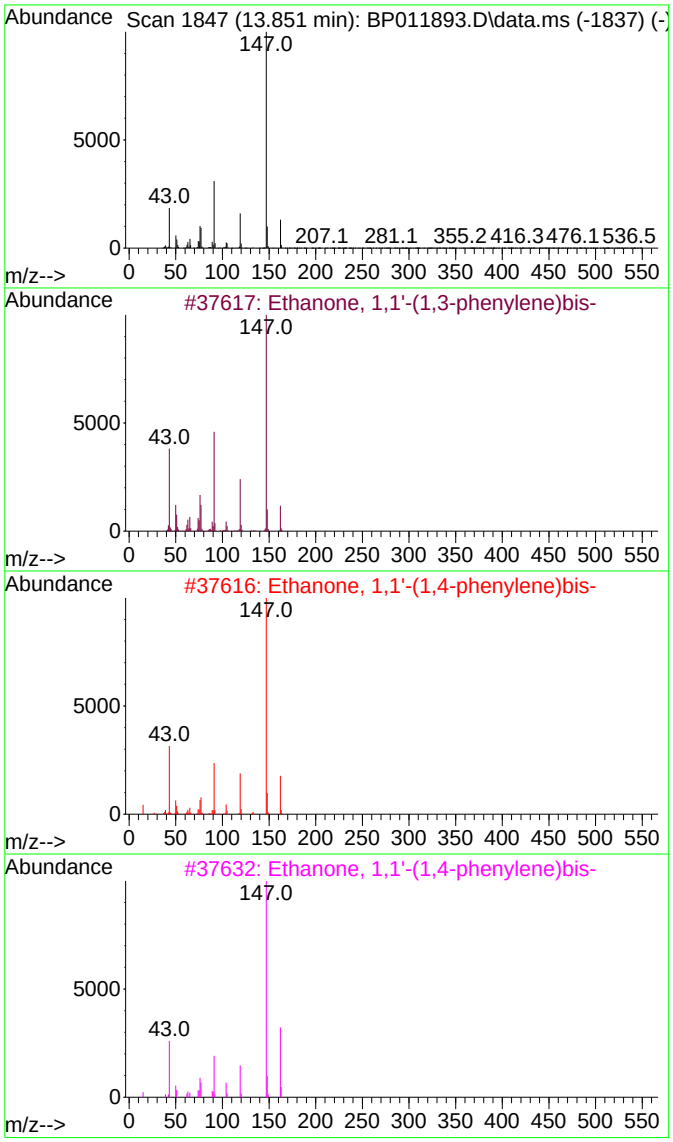
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

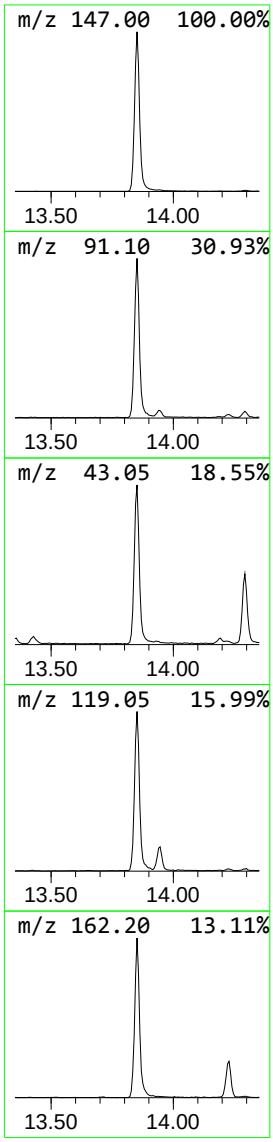
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanone, 1,1'-(1,3-phenyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	8.78 ng/ul	1196840	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	91
2	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	91
3	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	78
4	4-(2-Hydroxy-phenyl)-but-3-en-2-one	162	C10H10O2	1000318-41-3	72
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	72





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Quant Title : SVOA CALIBRATION

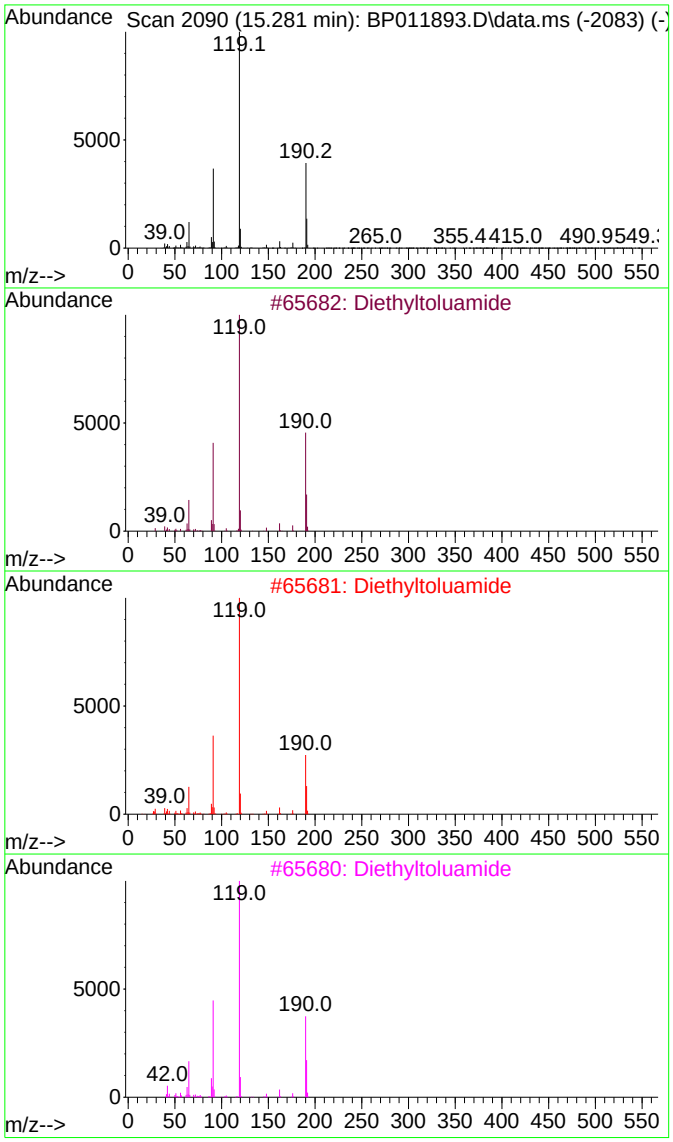
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

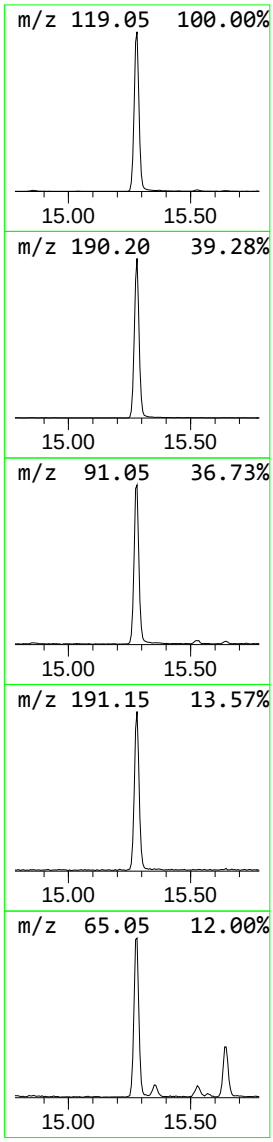
****

Peak Number 3 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	6.24 ng/ul	850527	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Diethyltoluamide	191	C12H17NO	000134-62-3	91
4	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
5	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76





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Sample : N4749-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8N4

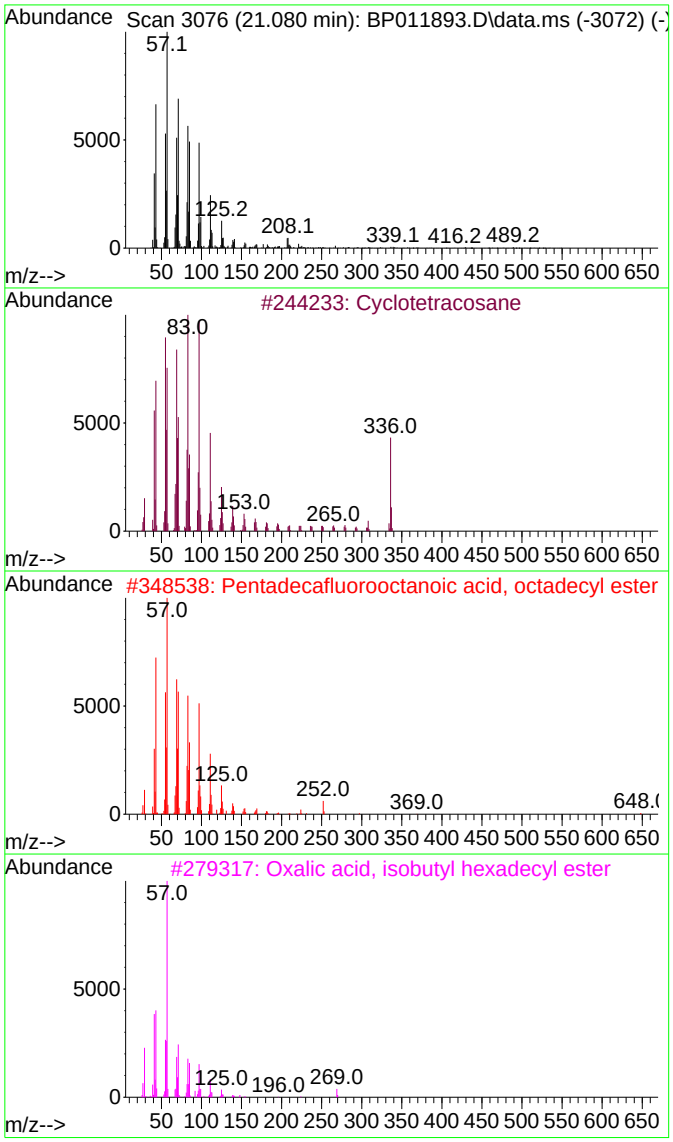
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

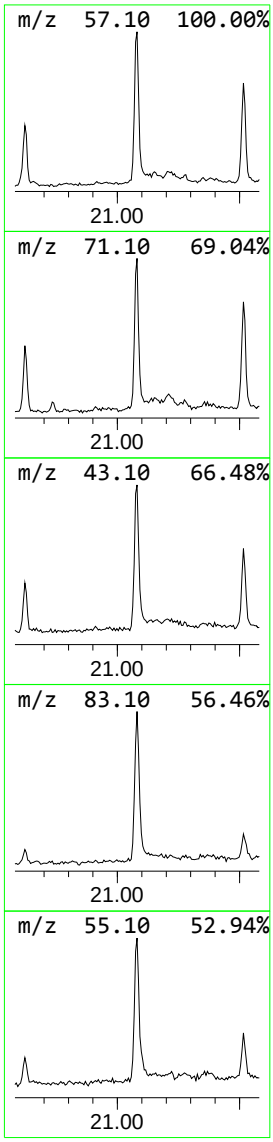
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.081 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.081	2.07 ng/ul	404029	Chrysene-d12	21.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	86





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.034	85.6	ng/ul	6115180	1	7.887	1428400	20.0
Ethanone, 1,1'-...	13.851	8.8	ng/ul	1196840	3	14.534	2726660	20.0
Diethyltoluamide	15.281	6.2	ng/ul	850527	3	14.534	2726660	20.0
(DEL) Alkane: C...	21.081	2.1	ng/ul	404029	5	21.375	3907890	20.0