LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012062.D
Acq On : 05 Oct 2020 18:45
Operator : CG/JU
Sample : L4185-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AR5

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-BN100220.M
Title : SVOA CALIBRATION

Signal : TIC: BN012062.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	47	rVB	100249	142980	1.44%	0.171%
2	3.534	91	93	98	rVB5	12200	14968	0.15%	0.018%
3	3.822	139	142	146	rVB5	12112	17386	0.18%	0.021%
4	3.917	153	158	163	rVB2	50998	67517	0.68%	0.081%
5	4.128	190	194	198	rBV3	21773	30552	0.31%	0.037%
6	4.534	259	263	266	rBV4	17623	25272	0.26%	0.030%
7	4.828	309	313	320	rVB4	12494	21757	0.22%	0.026%
8	6.828	647	653	662	rBV	410797	660376	6.67%	0.791%
9	6.999	675	682	695	rBV	1129445	1691143	17.08%	2.025%
10	7.193	708	715	724	rBV	1368361	2064986	20.85%	2.473%
11	7.658	787	794	801	rBV	1082720	1665993	16.82%	1.995%
12	7.728	801	806	817	rVB6	19281	41966	0.42%	0.050%
13	8.357	906	913	925	rBV	1042790	1608196	16.24%	1.926%
14	8.805	982	989	999	rBV	1421595	2262468	22.84%	2.710%
15	8.981	1016	1019	1023	rVB5	8565	14715	0.15%	0.018%
16	9.240	1059	1063	1065	rBV3	10670	12833	0.13%	0.015%
17	9.522	1104	1111	1119	rBV	1204427	1929869	19.49%	2.311%
18	10.052	1194	1201	1215	rBV	1880121	3052694	30.82%	3.656%
19	10.434	1259	1266	1276	rBV	1360944	2213177	22.35%	2.651%
20	10.569	1281	1289	1298	rBV	154212	295557	2.98%	0.354%
21	10.734	1312	1317	1323	rVB6	9111	13505	0.14%	0.016%
22	11.081	1373	1376	1386	rVB6	9442	19104	0.19%	0.023%
23	12.022	1532	1536	1543	rBV2	26671	43362	0.44%	0.052%
24	12.646	1637	1642	1646	rBV5	16679	26424	0.27%	0.032%
25	12.904	1680	1686	1691	rBV4	32140	46181	0.47%	0.055%
26	13.134	1720	1725	1727	rVB5	8359	10416	0.11%	0.012%
27	13.204	1733	1737	1741	rVB7	8920	14770	0.15%	0.018%
28	13.710	1817	1823	1828	rBV	3393209	4621146	46.66%	5.535%
29	13.757	1828	1831	1836	rVV	255670	327677	3.31%	0.392%
30	13.822	1839	1842	1848	rVB7	6275	11059	0.11%	0.013%
31	13.987	1861	1870	1880	rBV	3832769	5393381	54.46%	6.459%
32	14.298	1915	1923	1931	rBV	1919521	2837099	28.65%	3.398%
33	14.492	1949	1956	1967	rBV	306547	507442	5.12%	0.608%
34	14.651	1981	1983	1989	rVB7	7267	10426	0.11%	0.012%
35	14.722	1991	1995	1999	rBV7	8689	12024	0.12%	0.014%
36	15.045	2046	2050	2056	rVB2	27906	38148	0.39%	0.046%

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Instrument : BNA_N
ClientSampleId : C0AR5

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-BN100220.M
Title : SVOA CALIBRATION

37	15.122	2056	2063	2068	rBV2	66850	113319	1.14%	0.136%
38	15.292	2086	2092	2105	rBV	4824939	6732880	67.98%	8.064%
39	15.410	2105	2112	2127	rBV	1712998	2365533	23.88%	2.833%
40	15.528	2127	2132	2137	rVV2	60055	85774	0.87%	0.103%
41	15.669	2151	2156	2160	rBV6	10106	16783	0.17%	0.020%
42	15.745	2162	2169	2171	rBV3	30413	40913	0.41%	0.049%
43	15.775	2171	2174	2179	rVV4	29336	42637	0.43%	0.051%
44	15.975	2198	2208	2210	rBV4	17672	39033	0.39%	0.047%
45	16.045	2214	2220	2223	rVV	94425	133220	1.35%	0.160%
46	16.075	2223	2225	2231	rVV6	21431	34208	0.35%	0.041%
47	16.134	2231	2235	2239	rVV	194620	261234	2.64%	0.313%
48	16.192	2240	2245	2251	rVV2	223709	443578	4.48%	0.531%
49	16.257	2251	2256	2260	rVV2	195147	296764	3.00%	0.355%
50	16.298	2260	2263	2268	rVV3	122610	165816	1.67%	0.199%
51	16.351	2268	2272	2273	rVV2	59031	69967	0.71%	0.084%
52	16.375	2274	2276	2278	rVV	76667	85272	0.86%	0.102%
53	16.404	2278	2281	2285	rVV2	64420	93017	0.94%	0.111%
54	16.457	2285	2290	2296	rVV4	166897	328823	3.32%	0.394%
55	16.522	2296	2301	2304	rVV	200763	280175	2.83%	0.336%
56	16.557	2304	2307	2310	rVV3	76220	125634	1.27%	0.150%
57	16.592	2310	2313	2320	rVB2	115655	166829	1.68%	0.200%
58	16.734	2332	2337	2341	rBV4	20121	36202	0.37%	0.043%
59	16.816	2347	2351	2355	rBV5	24571	46815	0.47%	0.056%
60	16.922	2366	2369	2374	rVB7	23105	32893	0.33%	0.039%
61	16.963	2374	2376	2380	rVB3	11406	11120	0.11%	0.013%
62	17.039	2383	2389	2395	rBV	2255273	3236386	32.68%	3.876%
63	17.139	2400	2406	2418	rBV	5240442	7074183	71.43%	8.472%
64	17.345	2436	2441	2443	rVV5	7818	11563	0.12%	0.014%
65	17.410	2447	2452	2459	rBV	163279	240072	2.42%	0.288%
66	17.557	2472	2477	2482	rBV3	32056	46087	0.47%	0.055%
67	17.728	2501	2506	2510	rBV5	27447	36784	0.37%	0.044%
68	17.945	2538	2543	2553	rBV	462719	728348	7.35%	0.872%
69	18.251	2591	2595	2597	rBV	40544	47416	0.48%	0.057%
70	18.886	2700	2703	2705	rBV3	34865	34653	0.35%	0.042%
71	19.075	2731	2735	2740	rBV	69474	101666	1.03%	0.122%
72	19.233	2758	2762	2767	rBV4	147419	199248	2.01%	0.239%
73	19.328	2774	2778	2782	rBV2	75889	108027	1.09%	0.129%
74	19.445	2792	2798	2806	rBV	6426128	8527012	86.10%	10.212%
75	19.975	2886	2888	2890	rBV3	41387	34474	0.35%	0.041%
76	20.963	3052	3056	3063	rBV	1219138	1516738	15.31%	1.817%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : C0AR5

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Title : SVOA CALIBRATION

77	21.239	3098	3103	3114	rBV	3030286	3853749	38.91%	4.615%
78	23.310	3448	3455	3467	rBV	5410838	9904023	100.00%	11.862%
79	23.445	3472	3478	3487	rVB2	2187372	3981342	40.20%	4.768%

Sum of corrected areas: 83496779

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Instrument :
BNA_N
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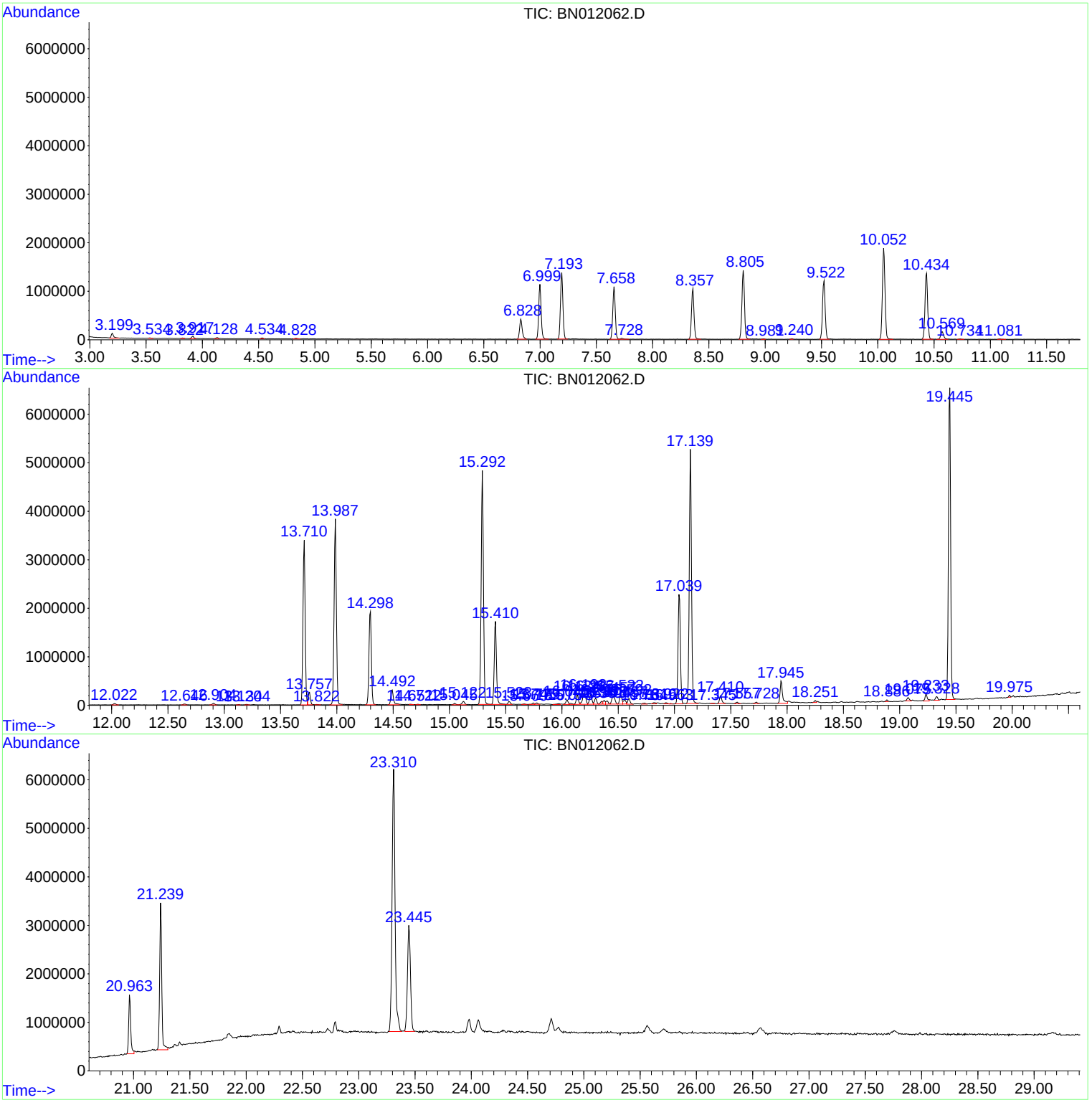
C0AR5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



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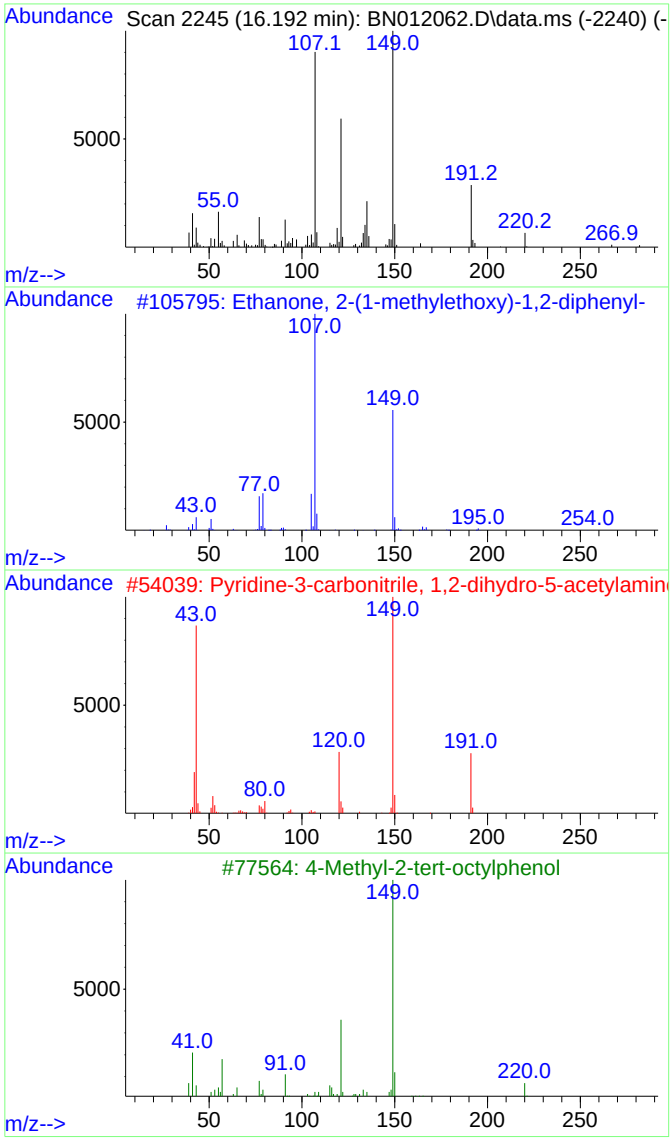
Quant Title : SVOA CALIBRATION

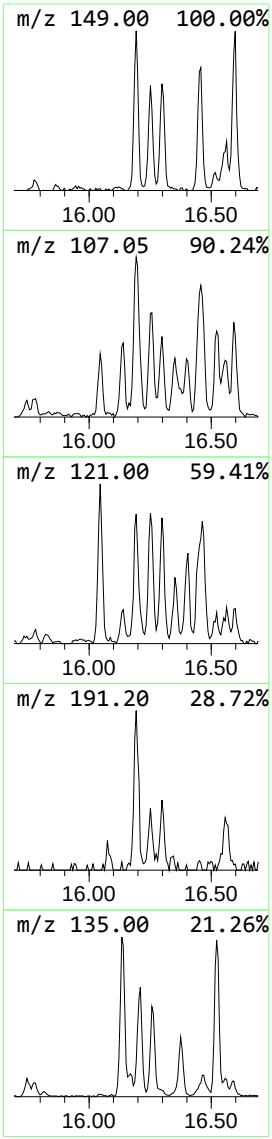
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.190	2.74 ng/ul	443578	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	53
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
3	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	38
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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Instrument : BNA_N
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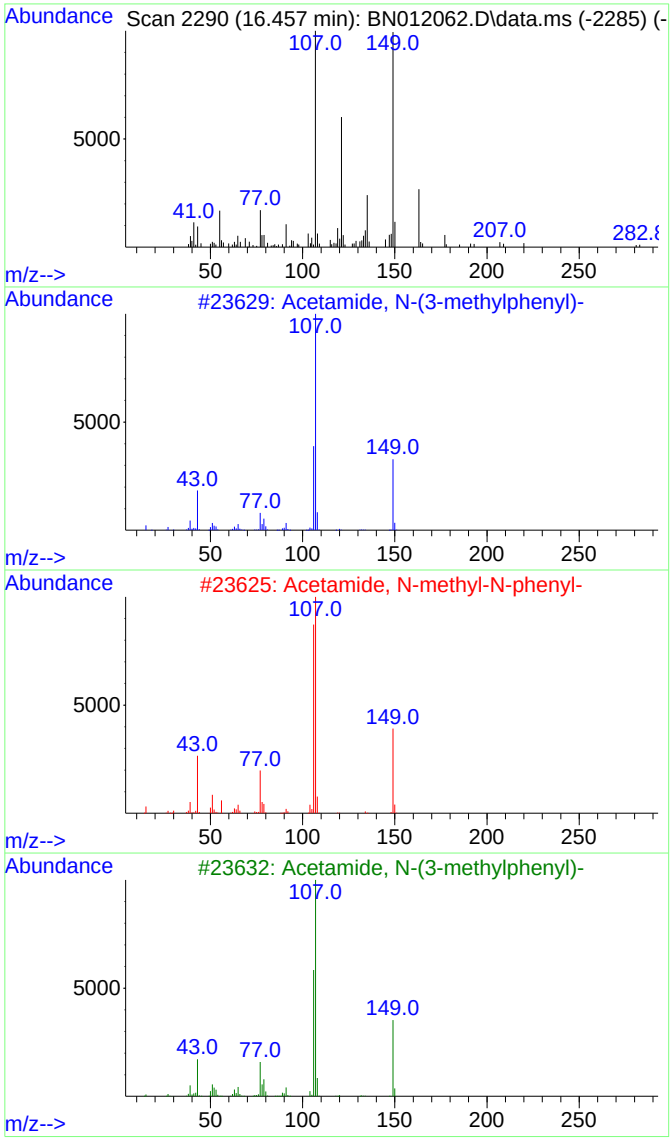
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

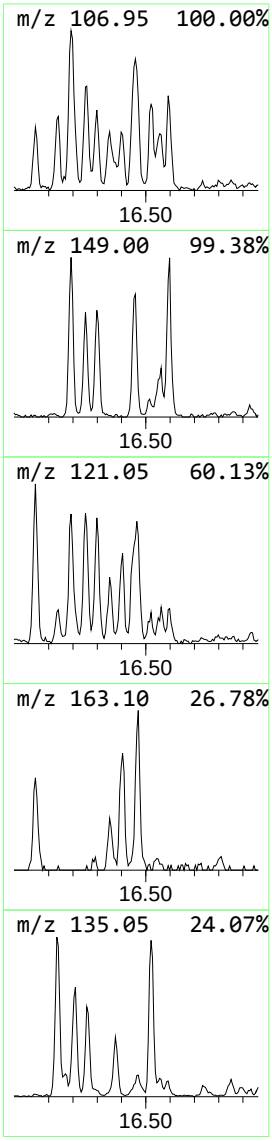
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.460	2.03 ng/ul	328823	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

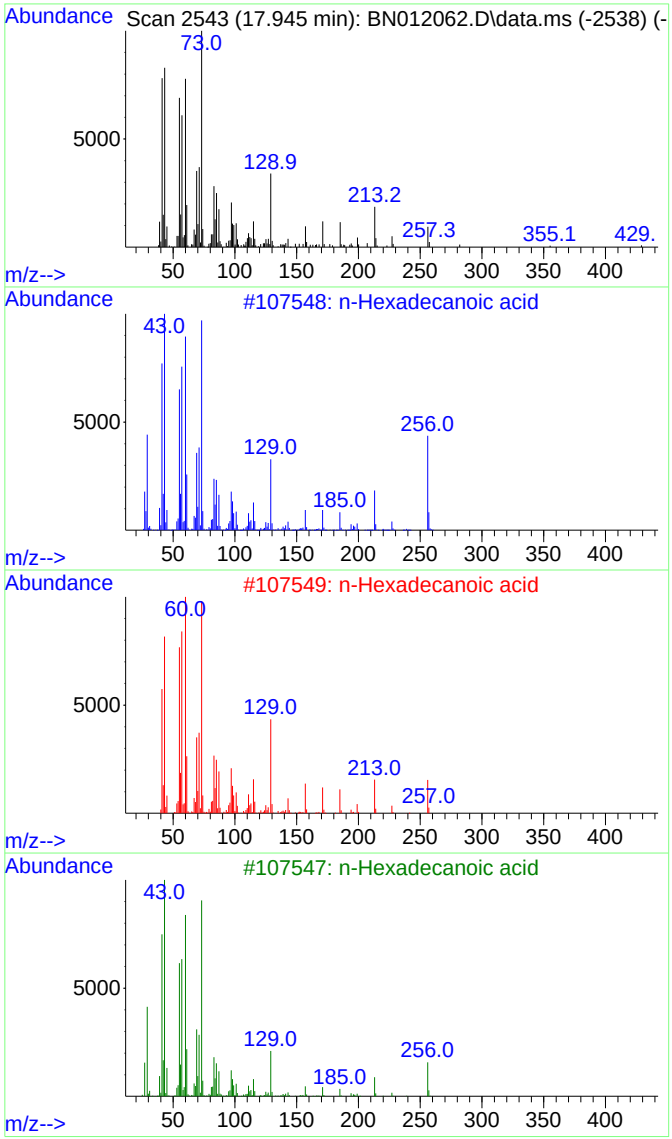
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

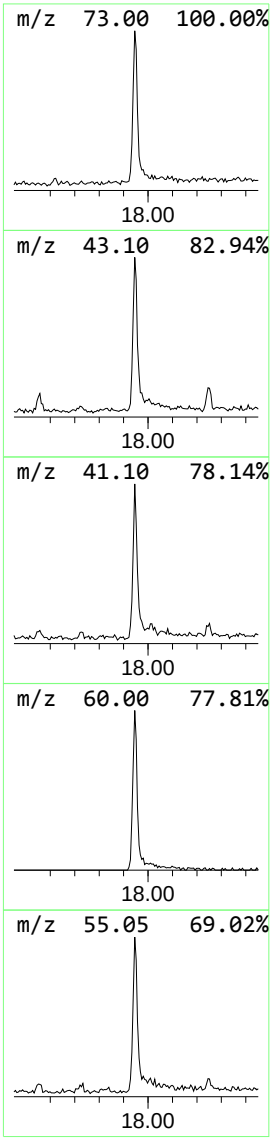
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.950	4.50 ng/ul	728348	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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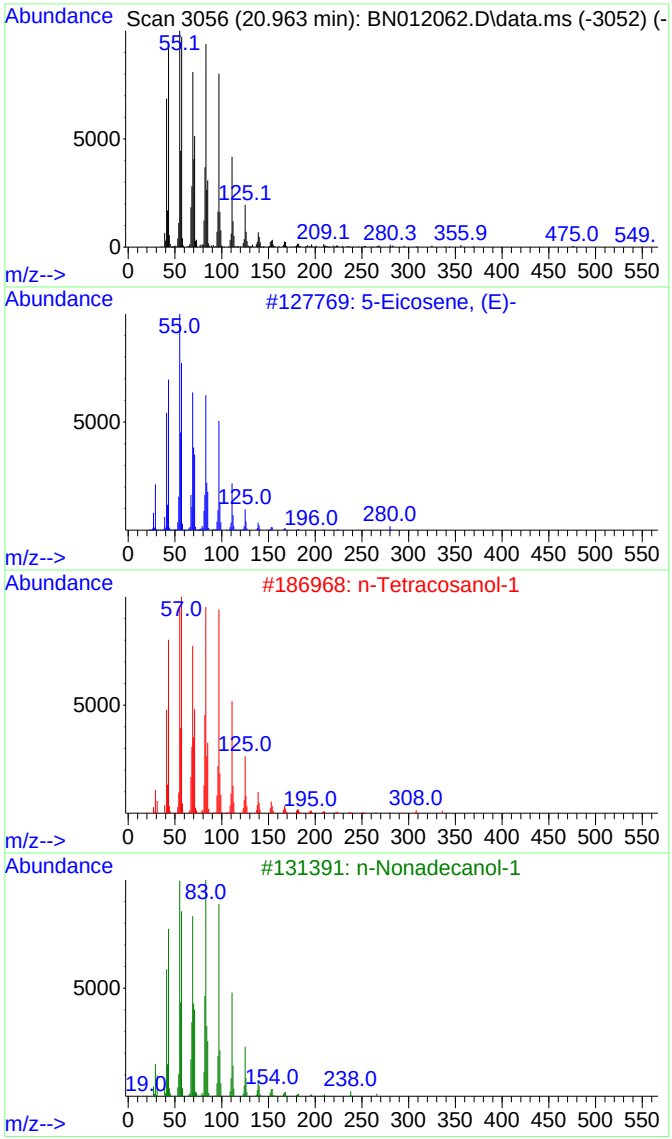
Quant Title : SVOA CALIBRATION

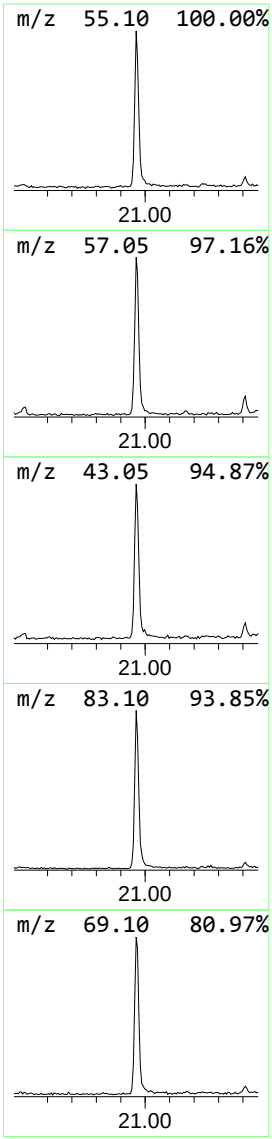
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	7.87 ng/ul	1516740	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

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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
Ethanone, 2-(1-...	16.190	2.7	ng/ul	443578	4	17.039	3236390	20.0
Acetamide, N-(3...	16.460	2.0	ng/ul	328823	4	17.039	3236390	20.0
n-Hexadecanoic ...	17.950	4.5	ng/ul	728348	4	17.039	3236390	20.0
(DEL) Alkane: S...	20.960	7.9	ng/ul	1516740	5	21.239	3853750	20.0