LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036629.D
Acq On : 21 Sep 2022 17:36
Operator : CG/JU
Sample : N4595-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H9

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	17	rVB	4774710	6966213	70.52%	5.856%
2	3.398	49	53	56	rBV	64099	90796	0.92%	0.076%
3	3.434	56	59	67	rVB	48810	71648	0.73%	0.060%
4	3.681	98	101	111	rVB	32306	52012	0.53%	0.044%
5	3.828	124	126	138	rBV	241004	380732	3.85%	0.320%
6	4.063	162	166	171	rVB	32141	45154	0.46%	0.038%
7	4.163	178	183	191	rVB	31426	50519	0.51%	0.042%
8	4.610	253	259	268	rVB2	66086	124655	1.26%	0.105%
9	5.110	339	344	350	rBV2	31521	54745	0.55%	0.046%
10	5.698	440	444	449	rVB	26264	38953	0.39%	0.033%
11	5.751	449	453	460	rBV	42193	70248	0.71%	0.059%
12	6.604	593	598	606	rVV9	13960	31521	0.32%	0.026%
13	6.687	606	612	618	rVB3	16948	28629	0.29%	0.024%
14	7.181	688	696	709	rVB	361636	602299	6.10%	0.506%
15	7.351	718	725	732	rBV	1112643	1699111	17.20%	1.428%
16	7.551	752	759	767	rBV	1119815	1751364	17.73%	1.472%
17	7.675	777	780	787	rVB7	15766	27854	0.28%	0.023%
18	8.022	832	839	846	rBV	1359481	2173031	22.00%	1.827%
19	8.092	846	851	857	rBV4	21268	36951	0.37%	0.031%
20	8.398	897	903	914	rVB	761111	1241030	12.56%	1.043%
21	8.733	952	960	971	rBV	1111735	1736374	17.58%	1.460%
22	8.875	979	984	988	rVB2	24325	40890	0.41%	0.034%
23	9.016	1002	1008	1016	rBV	90484	148979	1.51%	0.125%
24	9.192	1031	1038	1048	rVB	1330600	2208390	22.36%	1.857%
25	9.310	1054	1058	1062	rVB5	15856	27473	0.28%	0.023%
26	9.386	1068	1071	1080	rVB3	26323	55188	0.56%	0.046%
27	9.498	1085	1090	1094	rVV5	19662	47642	0.48%	0.040%
28	9.557	1094	1100	1107	rVV6	49425	137286	1.39%	0.115%
29	9.627	1108	1112	1115	rVV3	28161	53987	0.55%	0.045%
30	9.651	1115	1116	1124	rVB4	18661	26876	0.27%	0.023%
31	9.786	1134	1139	1143	rVB4	30556	50138	0.51%	0.042%
32	9.916	1154	1161	1172	rBV	997046	1660266	16.81%	1.396%
33	10.022	1172	1179	1182	rVV6	22983	46206	0.47%	0.039%
34	10.080	1186	1189	1197	rVV2	34183	67370	0.68%	0.057%
35	10.233	1206	1215	1224	rBV2	80576	174658	1.77%	0.147%
36	10.327	1226	1231	1234	rBV7	19378	32113	0.33%	0.027%

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H9

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

37	10.380	1236	1240	1245	rVB6	17464	31773	0.32%	0.027%
38	10.457	1245	1253	1262	rBV	1922365	3183500	32.23%	2.676%
39	10.622	1276	1281	1291	rVB5	32875	73578	0.74%	0.062%
40	10.751	1298	1303	1310	rVB7	23839	48949	0.50%	0.041%
41	10.839	1310	1318	1324	rBV	2031187	3414500	34.57%	2.870%
42	10.886	1324	1326	1332	rVB	45356	61675	0.62%	0.052%
43	10.969	1333	1340	1348	rBV	1047781	1863322	18.86%	1.566%
44	11.198	1374	1379	1384	rBV8	17155	30631	0.31%	0.026%
45	11.251	1384	1388	1394	rVB5	21603	40428	0.41%	0.034%
46	11.510	1426	1432	1443	rVB5	14574	49620	0.50%	0.042%
47	11.627	1444	1452	1454	rBV7	19135	37608	0.38%	0.032%
48	11.663	1454	1458	1466	rVB8	19911	45380	0.46%	0.038%
49	11.945	1501	1506	1514	rBV	65723	105509	1.07%	0.089%
50	12.039	1518	1522	1528	rVB4	21530	37512	0.38%	0.032%
51	12.174	1537	1545	1549	rBV	171961	289725	2.93%	0.244%
52	12.216	1549	1552	1561	rVB2	49076	83739	0.85%	0.070%
53	12.321	1565	1570	1576	rBV4	36261	70494	0.71%	0.059%
54	12.386	1576	1581	1585	rBV	76322	130806	1.32%	0.110%
55	12.610	1614	1619	1625	rVB3	44624	82035	0.83%	0.069%
56	12.704	1627	1635	1640	rVV4	58175	122287	1.24%	0.103%
57	12.821	1650	1655	1660	rBV4	28379	49228	0.50%	0.041%
58	13.004	1682	1686	1689	rBV4	20310	31205	0.32%	0.026%
59	13.621	1787	1791	1796	rBV7	21184	38152	0.39%	0.032%
60	13.792	1816	1820	1822	rBV4	29491	41805	0.42%	0.035%
61	13.833	1822	1827	1831	rVV7	21257	52855	0.54%	0.044%
62	13.974	1845	1851	1856	rBV2	114406	224563	2.27%	0.189%
63	14.062	1860	1866	1876	rVB	3947846	5295195	53.61%	4.451%
64	14.139	1876	1879	1885	rVB6	29785	53219	0.54%	0.045%
65	14.210	1886	1891	1894	rBV3	89281	145561	1.47%	0.122%
66	14.345	1907	1914	1927	rVB	4394061	6411206	64.91%	5.390%
67	14.451	1928	1932	1943	rVB2	77211	162040	1.64%	0.136%
68	14.574	1948	1953	1957	rVV	149897	224157	2.27%	0.188%
69	14.651	1959	1966	1971	rVV	3200479	4771048	48.30%	4.011%
70	14.710	1971	1976	1983	rVV	3174369	4726256	47.85%	3.973%
71	14.774	1983	1987	1993	rVV	213221	316389	3.20%	0.266%
72	14.839	1994	1998	2007	rVB	296830	445514	4.51%	0.375%
73	14.957	2015	2018	2022	rBV2	42219	63998	0.65%	0.054%
74	15.045	2028	2033	2040	rVB	677840	980312	9.92%	0.824%
75	15.386	2086	2091	2097	rBV	969780	1227790	12.43%	1.032%
76	15.639	2127	2134	2139	rBV	5658222	8170209	82.71%	6.868%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
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Title : SVOA CALIBRATION

77	15.692	2139	2143	2148	rVV	1522421	2112560	21.39%	1.776%
78	15.745	2148	2152	2158	rVB	986179	1326242	13.43%	1.115%
79	15.862	2168	2172	2182	rVB4	114045	249092	2.52%	0.209%
80	15.980	2189	2192	2197	rVB2	71595	101955	1.03%	0.086%
81	16.145	2214	2220	2226	rBV	1229281	1744631	17.66%	1.467%
82	16.356	2252	2256	2264	rVB2	108759	178453	1.81%	0.150%
83	16.474	2273	2276	2284	rVB3	71690	114023	1.15%	0.096%
84	16.656	2302	2307	2311	rBV	630804	827823	8.38%	0.696%
85	17.192	2394	2398	2404	rVB2	181514	338322	3.43%	0.284%
86	17.386	2425	2431	2435	rBV	3917543	5510426	55.79%	4.632%
87	17.427	2435	2438	2442	rVV	885178	1146189	11.60%	0.964%
88	17.486	2442	2448	2459	rVB	6292630	8857400	89.67%	7.446%
89	18.280	2579	2583	2594	rBV3	476273	821570	8.32%	0.691%
90	18.374	2597	2599	2605	rVB2	123578	163369	1.65%	0.137%
91	18.574	2630	2633	2638	rVB	161033	202418	2.05%	0.170%
92	19.486	2786	2788	2792	rVB2	104693	113293	1.15%	0.095%
93	19.550	2795	2799	2807	rBV2	319512	463353	4.69%	0.390%
94	19.768	2830	2836	2840	rBV	7550817	9877732	100.00%	8.304%
95	19.809	2840	2843	2852	rVB	291519	411299	4.16%	0.346%
96	20.762	3002	3005	3009	rBV	274898	322881	3.27%	0.271%
97	21.256	3086	3089	3096	rBV2	469087	623699	6.31%	0.524%
98	21.550	3134	3139	3148	rBV	4410364	5595201	56.64%	4.704%
99	23.838	3521	3528	3536	rBV2	3926971	7746131	78.42%	6.512%
100	23.997	3549	3555	3565	rVB2	2417770	4819946	48.80%	4.052%

Sum of corrected areas: 118953082

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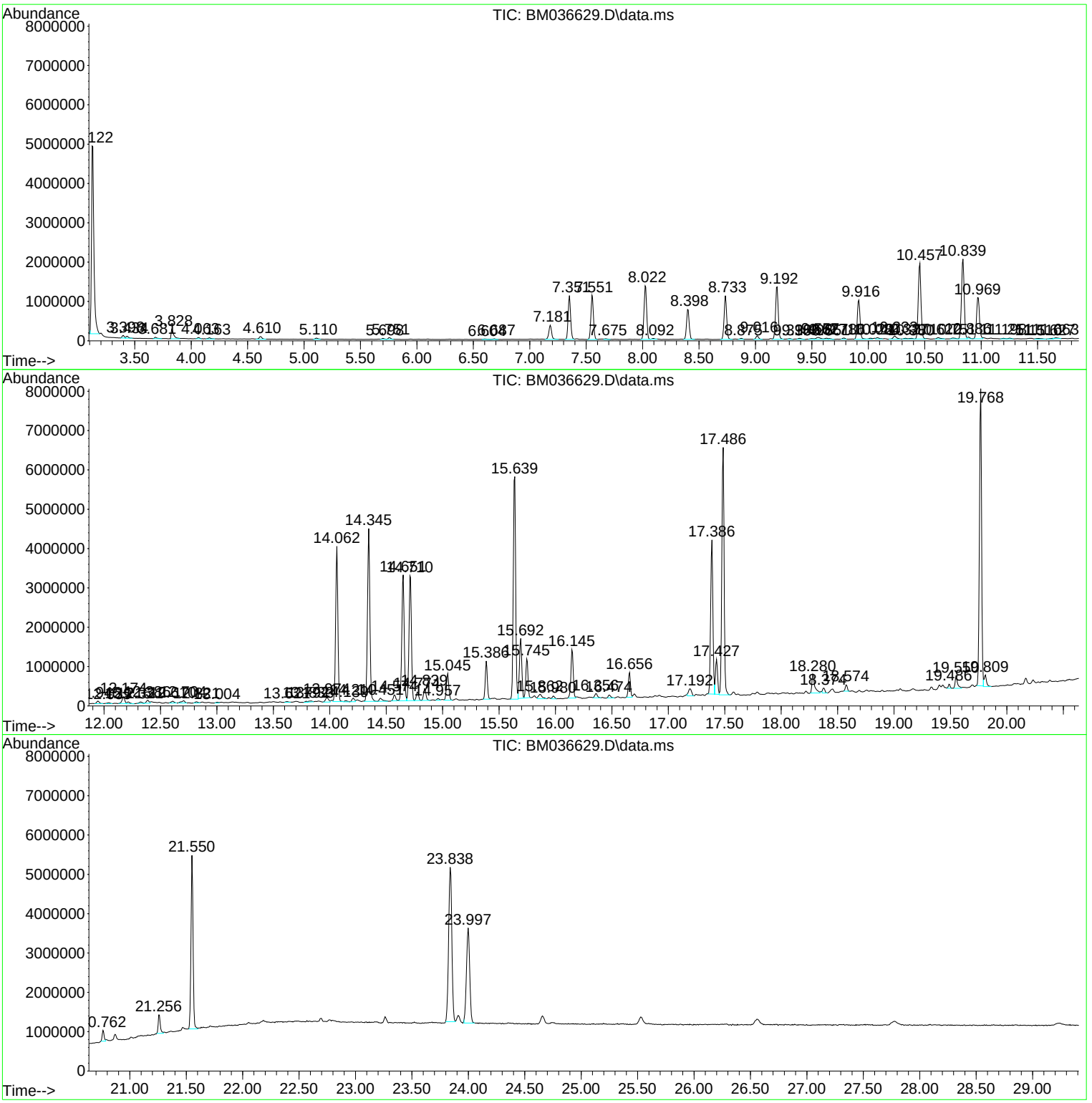
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
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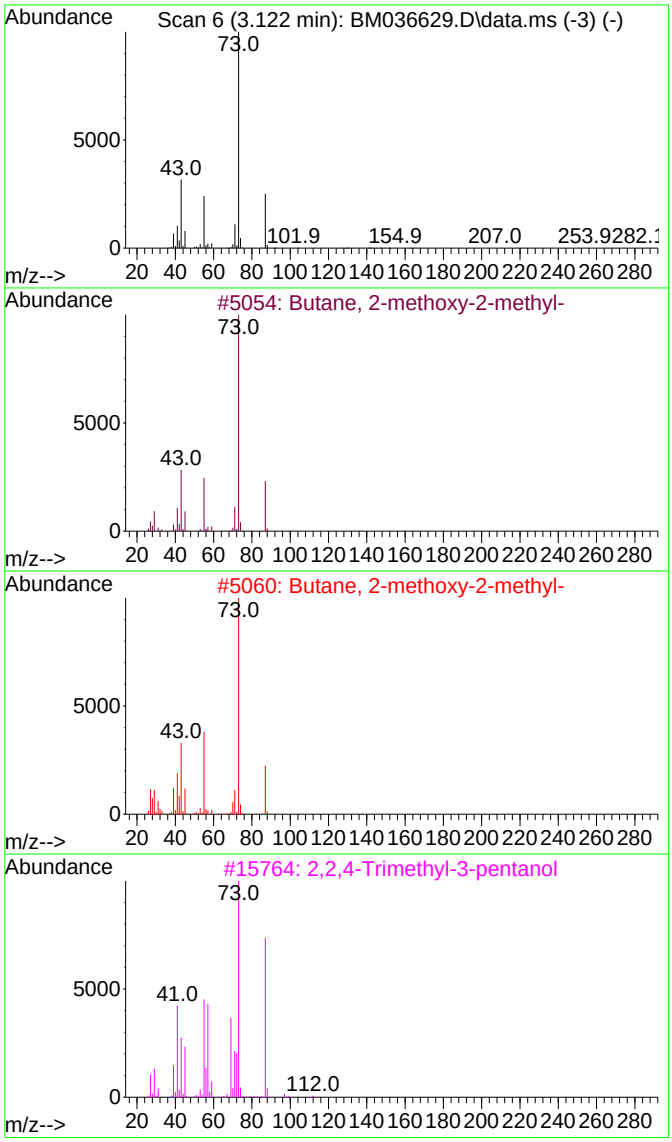
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

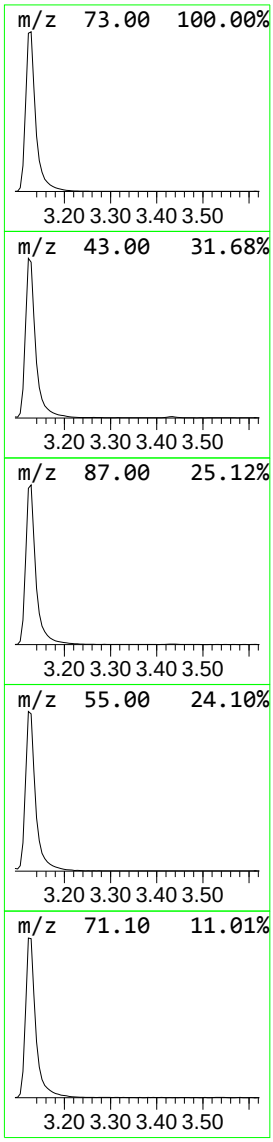
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	64.12 ng/ul	6966210	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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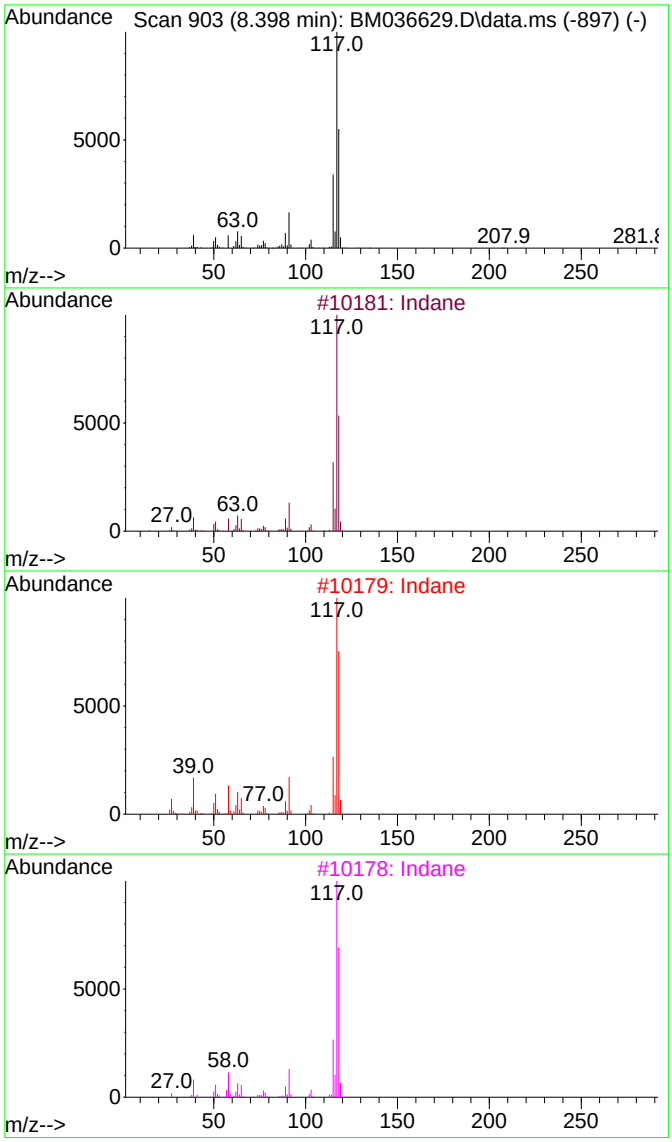
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

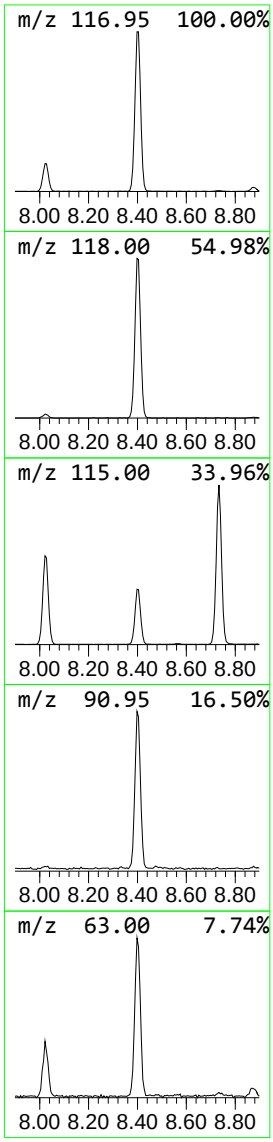
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	11.42 ng/ul	1241030	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
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Sample : N4595-08
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

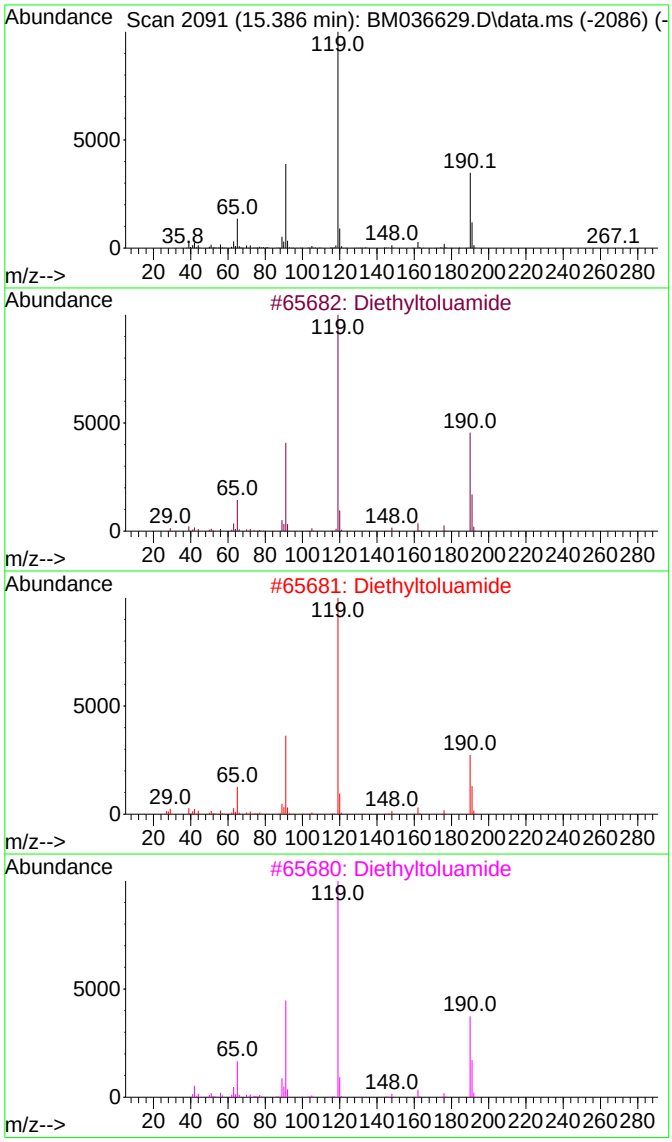
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

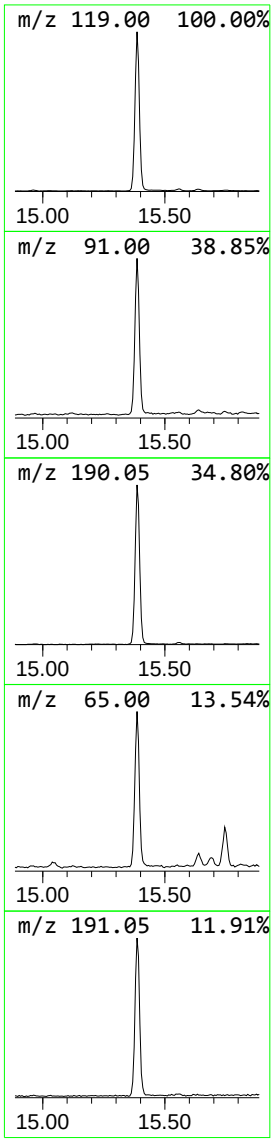
****

Peak Number 3 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	5.15 ng/ul	1227790	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	93
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	83





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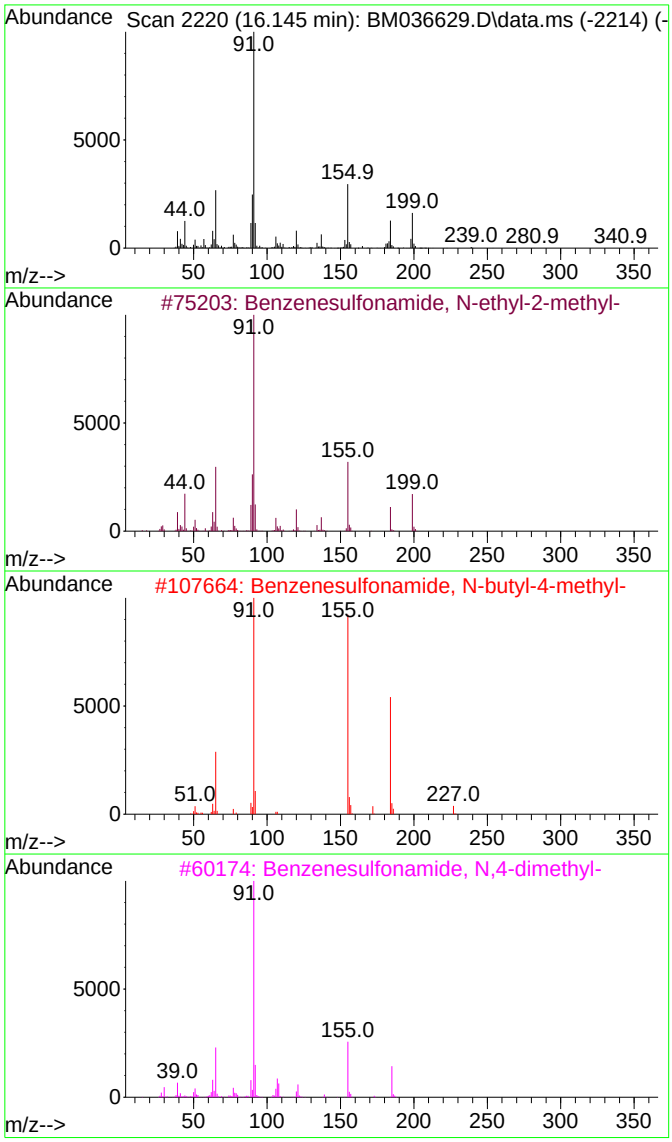
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

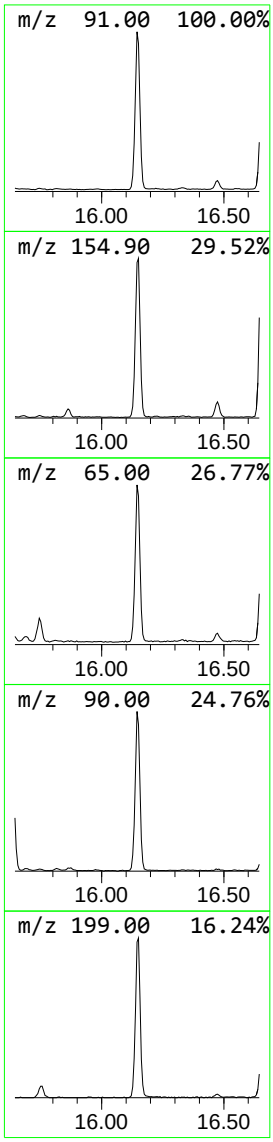
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	6.33 ng/ul	1744630	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	53
3	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	50
4	Tolbutamide	270	C12H18N2O3S	000064-77-7	50
5	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	49





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Operator : CG/JU
Sample : N4595-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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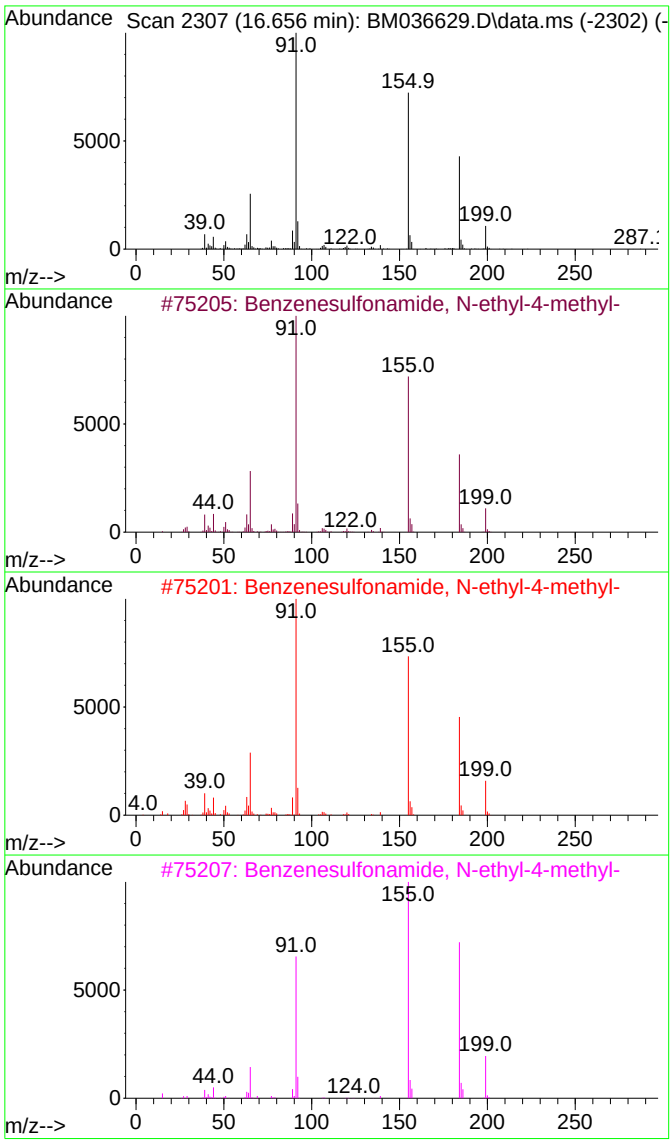
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

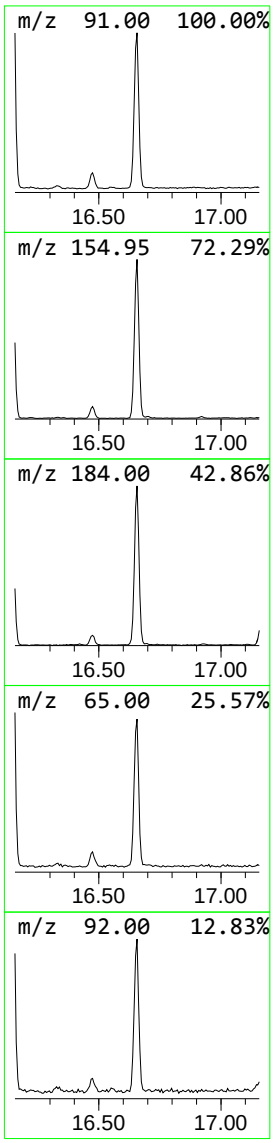
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.656	3.00 ng/ul	827823	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	91
4	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	91
5	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	86





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Acq On : 21 Sep 2022 17:36
Operator : CG/JU
Sample : N4595-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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

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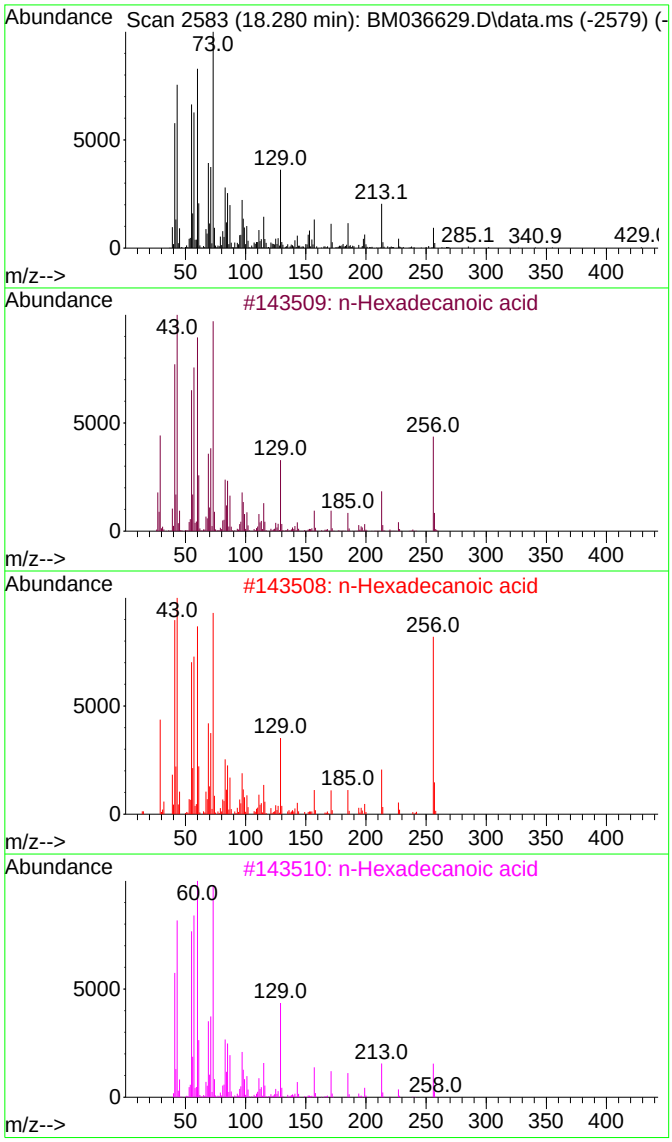
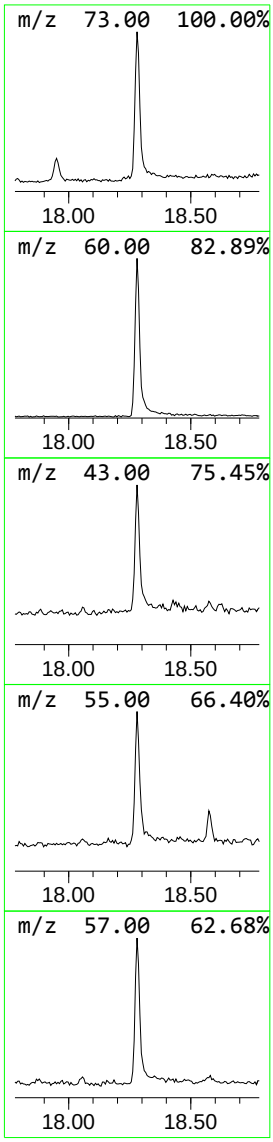
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	2.98 ng/ul	821570	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036629.D
Acq On : 21 Sep 2022 17:36
Operator : CG/JU
Sample : N4595-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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

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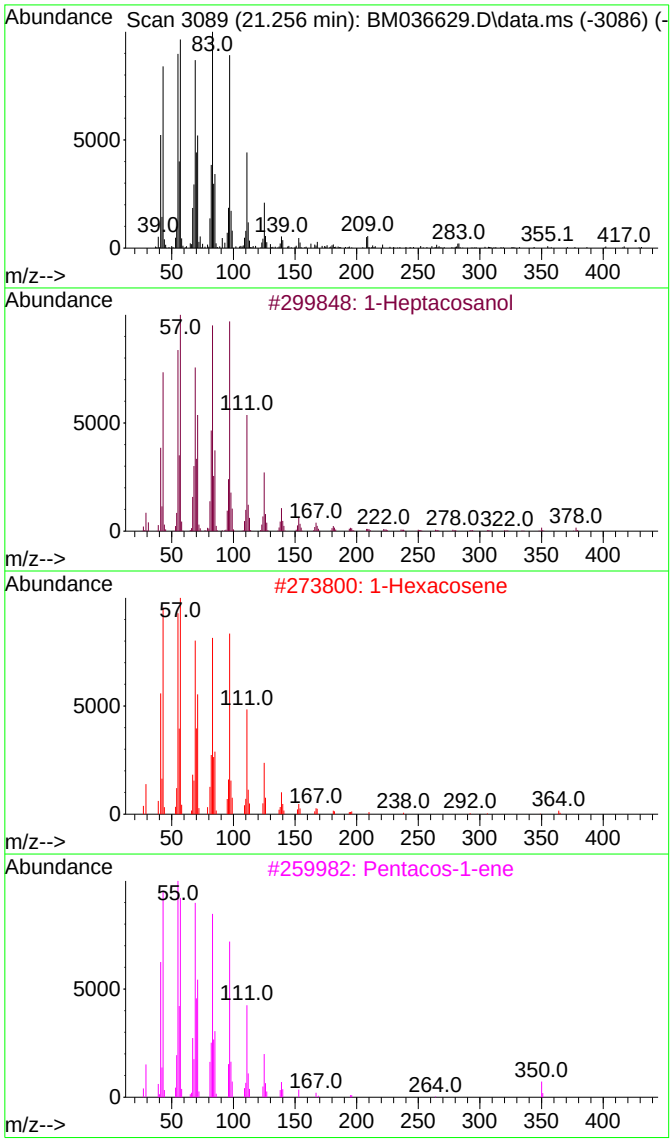
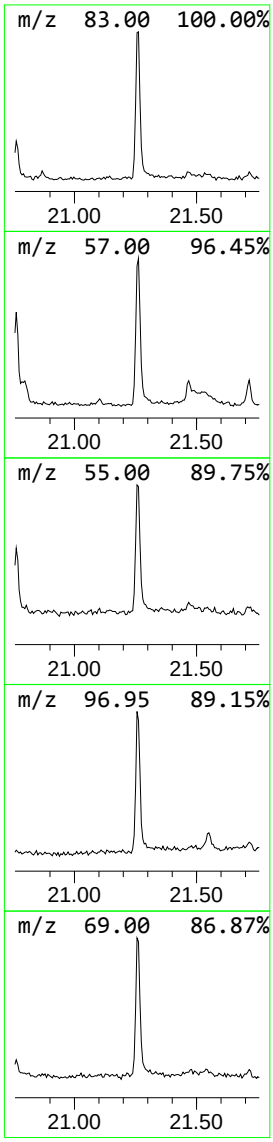
Peak Number 7 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	2.23 ng/ul	623699	Chrysene-d12	21.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036629.D
Acq On : 21 Sep 2022 17:36
Operator : CG/JU
Sample : N4595-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.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...	3.122	64.1	ng/ul	6966210	1	8.022	2173030	20.0
Indane	8.398	11.4	ng/ul	1241030	1	8.022	2173030	20.0
Diethyltoluamide	15.386	5.2	ng/ul	1227790	3	14.651	4771050	20.0
Benzenesulfonam...	16.145	6.3	ng/ul	1744630	4	17.386	5510430	20.0
Benzenesulfonam...	16.656	3.0	ng/ul	827823	4	17.386	5510430	20.0
n-Hexadecanoic ...	18.280	3.0	ng/ul	821570	4	17.386	5510430	20.0
1-Heptacosanol	21.256	2.2	ng/ul	623699	5	21.550	5595200	20.0