LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042915.D
Acq On : 19 Nov 2023 21:01
Operator : MA/JU
Sample : 05369-09
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCDN6

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-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042915.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	28	31	38	rVB3	8524	12100	1.21%	0.143%
2	3.622	105	108	116	rBV	24648	46015	4.59%	0.545%
3	3.793	135	137	143	rVB6	5060	5623	0.56%	0.067%
4	4.434	241	246	252	rVB	34411	52042	5.19%	0.616%
5	4.922	327	329	332	rBV4	1501	1831	0.18%	0.022%
6	5.228	379	381	384	rVB3	1442	1033	0.10%	0.012%
7	5.475	421	423	426	rVB3	1517	1087	0.11%	0.013%
8	6.022	515	516	520	rBV3	1641	1852	0.18%	0.022%
9	6.434	583	586	588	rBV3	1450	1930	0.19%	0.023%
10	6.751	637	640	643	rVB4	1604	2307	0.23%	0.027%
11	6.993	674	681	692	rBV3	13384	40688	4.06%	0.482%
12	7.075	692	695	701	rVB2	6641	9801	0.98%	0.116%
13	7.163	703	710	723	rBV	110230	205572	20.50%	2.434%
14	7.334	734	739	748	rBV	106077	198152	19.76%	2.346%
15	7.416	748	753	762	rVB3	19585	39412	3.93%	0.467%
16	7.610	784	786	789	rVB4	1102	1022	0.10%	0.012%
17	7.681	794	798	802	rBV2	2962	4590	0.46%	0.054%
18	7.810	813	820	836	rBV	111446	209784	20.92%	2.484%
19	8.540	939	944	954	rBV2	50429	106704	10.64%	1.263%
20	9.010	1018	1024	1043	rBV	133485	270248	26.95%	3.200%
21	9.193	1052	1055	1060	rVB3	4026	6170	0.62%	0.073%
22	9.528	1110	1112	1114	rVB2	1141	1101	0.11%	0.013%
23	9.728	1139	1146	1156	rBV2	105722	210523	21.00%	2.493%
24	10.251	1229	1235	1250	rBV	109866	247683	24.70%	2.932%
25	10.622	1291	1298	1309	rBV	145656	255881	25.52%	3.030%
26	10.804	1324	1329	1350	rBV2	78976	213050	21.25%	2.522%
27	10.992	1360	1361	1365	rVB2	1763	1425	0.14%	0.017%
28	11.045	1368	1370	1373	rBV2	1155	1031	0.10%	0.012%
29	11.204	1395	1397	1401	rVB2	1109	1057	0.11%	0.013%
30	11.386	1422	1428	1429	rBV2	1547	1703	0.17%	0.020%
31	11.422	1429	1434	1437	rVV3	1854	3661	0.37%	0.043%
32	11.539	1451	1454	1458	rBV3	1478	2024	0.20%	0.024%
33	11.663	1471	1475	1476	rVV3	954	1086	0.11%	0.013%
34	11.681	1476	1478	1484	rVV6	1966	2984	0.30%	0.035%
35	11.734	1484	1487	1489	rVB4	1302	1270	0.13%	0.015%
36	11.816	1498	1501	1505	rBV5	885	1142	0.11%	0.014%

LSC Area Percent Report

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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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

37	12.263	1574	1577	1581	rVV3	1098	1534	0.15%	0.018%
38	13.316	1751	1756	1759	rBV4	3846	5574	0.56%	0.066%
39	13.692	1815	1820	1821	rBV2	1189	1495	0.15%	0.018%
40	13.763	1824	1832	1848	rBV	40265	131079	13.07%	1.552%
41	13.892	1848	1854	1866	rVV	309659	449415	44.82%	5.321%
42	14.016	1873	1875	1879	rVB2	1044	1017	0.10%	0.012%
43	14.169	1895	1901	1914	rBV	347446	502545	50.12%	5.950%
44	14.469	1946	1952	1961	rBV2	214640	322585	32.17%	3.819%
45	14.816	2007	2011	2014	rBV2	1022	1766	0.18%	0.021%
46	14.880	2019	2022	2026	rVV2	1255	1419	0.14%	0.017%
47	15.251	2081	2085	2086	rBV2	966	1067	0.11%	0.013%
48	15.463	2115	2121	2141	rBV	410142	626166	62.45%	7.414%
49	15.616	2142	2147	2160	rBV	95116	167649	16.72%	1.985%
50	15.733	2165	2167	2168	rVV2	2185	1725	0.17%	0.020%
51	15.745	2168	2169	2171	rVV	2038	1388	0.14%	0.016%
52	16.486	2292	2295	2301	rBV6	1001	1877	0.19%	0.022%
53	16.527	2301	2302	2306	rVV2	1302	1482	0.15%	0.018%
54	16.604	2308	2315	2318	rVV4	1600	2383	0.24%	0.028%
55	16.998	2379	2382	2384	rBV2	1065	1299	0.13%	0.015%
56	17.063	2391	2393	2398	rBV3	702	1061	0.11%	0.013%
57	17.221	2414	2420	2431	rBV	250233	362390	36.14%	4.291%
58	17.321	2431	2437	2452	rVV	482639	707657	70.57%	8.378%
59	17.486	2459	2465	2467	rVB7	1657	3102	0.31%	0.037%
60	17.851	2523	2527	2532	rVB5	2091	3323	0.33%	0.039%
61	17.898	2532	2535	2538	rBV2	942	1500	0.15%	0.018%
62	18.080	2561	2566	2572	rBV5	5057	10852	1.08%	0.128%
63	18.298	2598	2603	2616	rBV	83768	138572	13.82%	1.641%
64	18.774	2680	2684	2685	rBV3	1319	1618	0.16%	0.019%
65	18.957	2713	2715	2717	rBV3	1307	1324	0.13%	0.016%
66	19.039	2727	2729	2733	rBV3	1517	2252	0.22%	0.027%
67	19.180	2749	2753	2757	rBV5	5073	8705	0.87%	0.103%
68	19.257	2763	2766	2769	rBV5	2949	3127	0.31%	0.037%
69	19.333	2776	2779	2782	rBV5	1314	1543	0.15%	0.018%
70	19.368	2782	2785	2788	rBV5	2328	3687	0.37%	0.044%
71	19.498	2805	2807	2810	rBV4	1494	1625	0.16%	0.019%
72	19.615	2822	2827	2842	rBV	648104	904883	90.24%	10.713%
73	19.768	2851	2853	2855	rVB2	1871	1284	0.13%	0.015%
74	19.986	2889	2890	2891	rBV	2232	1500	0.15%	0.018%
75	20.186	2922	2924	2925	rBV	2044	1474	0.15%	0.017%
76	21.409	3127	3132	3141	rBV	275775	416358	41.52%	4.930%

LSC Area Percent Report

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ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCDN6

Integration Parameters: LSCINT.P
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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Title : SVOA CALIBRATION

77	23.609	3499	3506	3523	rBV	500082	1002723	100.00%	11.872%
78	23.762	3526	3532	3545	rVB	226507	478622	47.73%	5.667%

Sum of corrected areas: 8446231

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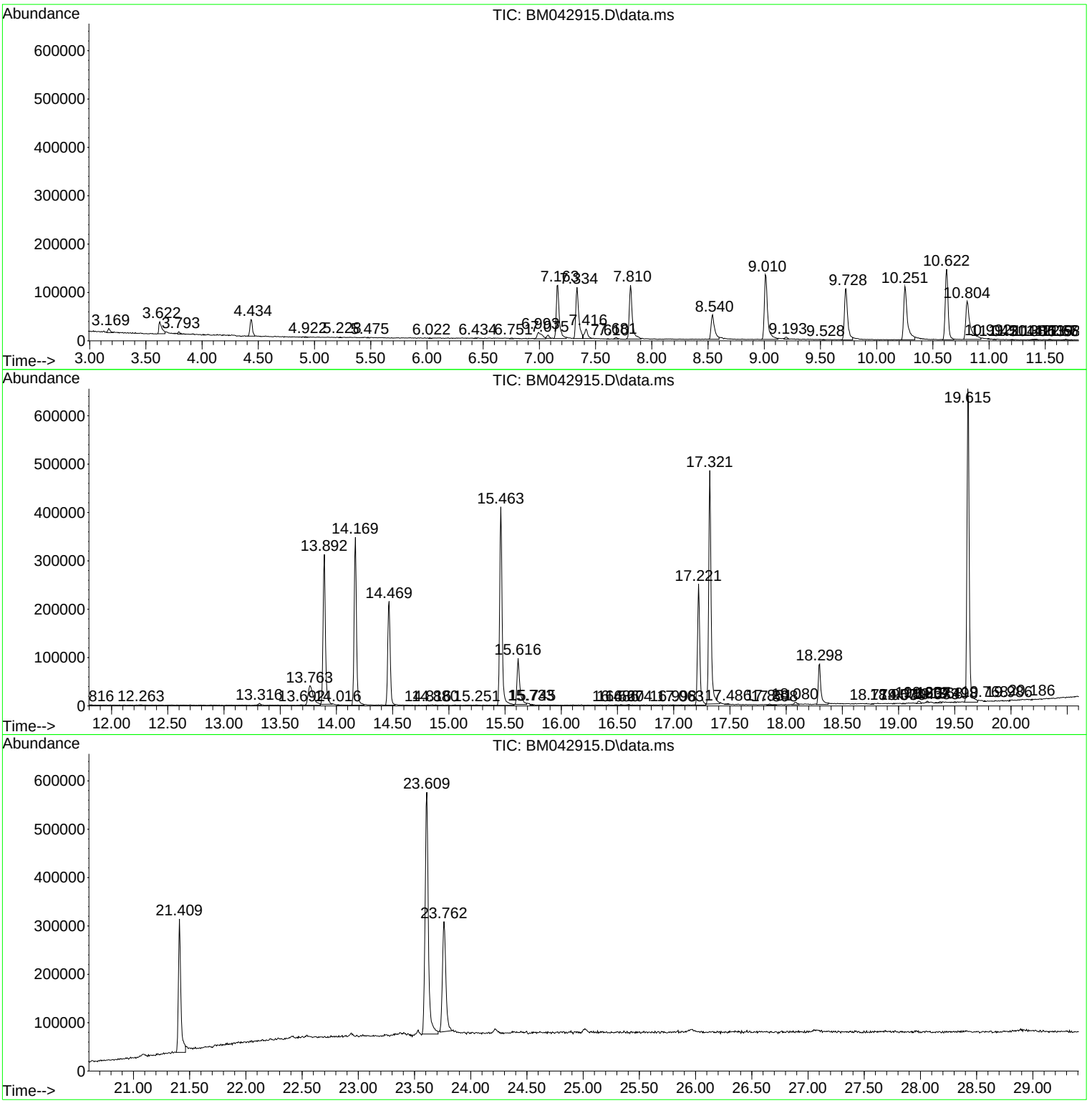
Operator : MA/JU
Sample : 05369-09
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCDN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042915.D
Acq On : 19 Nov 2023 21:01
Operator : MA/JU
Sample : 05369-09
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Instrument :
BNA_M
ClientSampleId :
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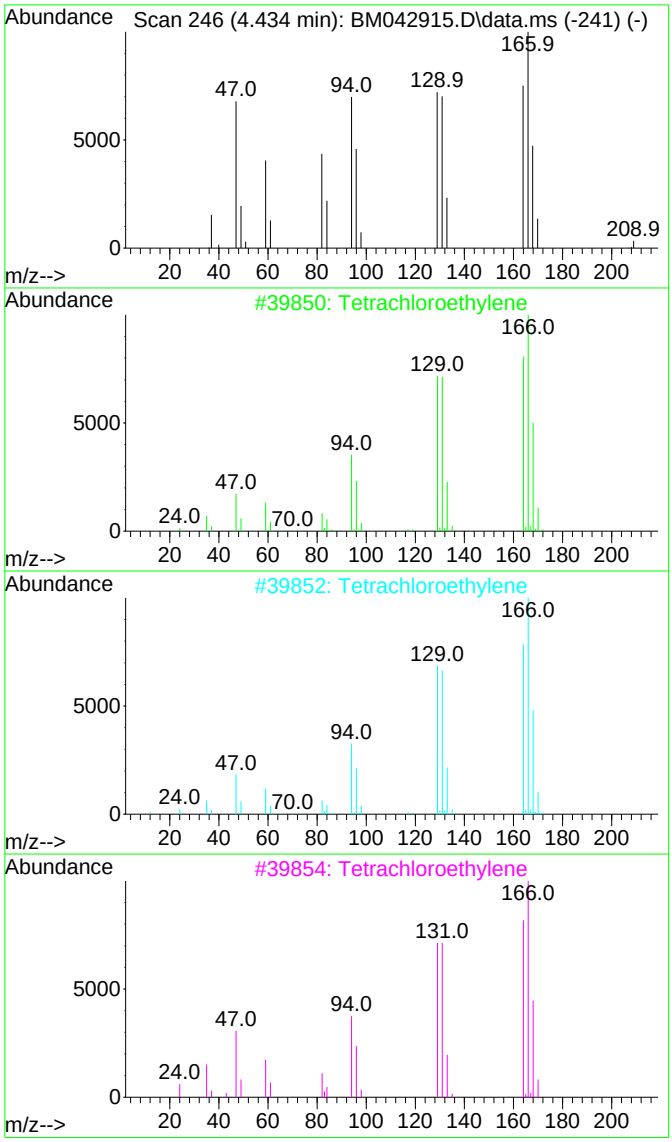
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

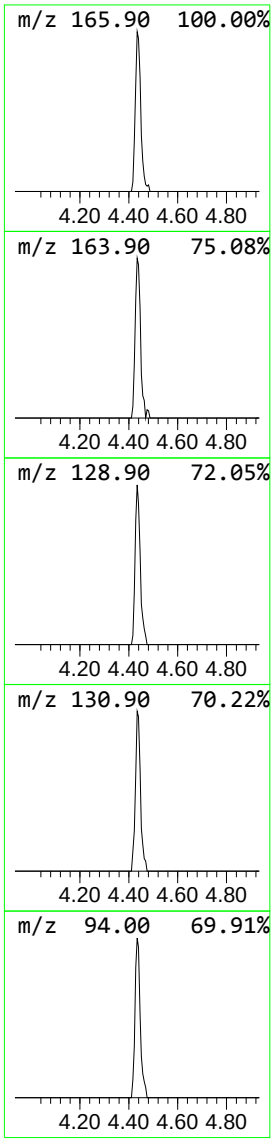
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.434	4.96 ng/ul	52042	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
5	Tetrachloroethylene	164	C2Cl4	000127-18-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
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Acq On : 19 Nov 2023 21:01
Operator : MA/JU
Sample : 05369-09
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCDN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

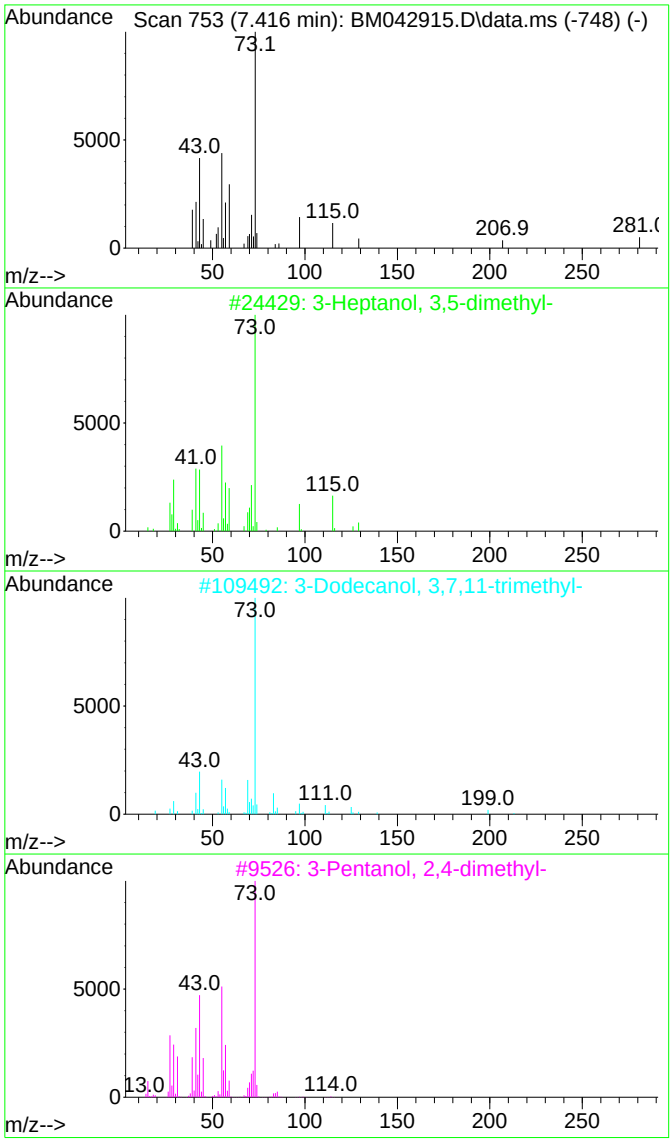
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

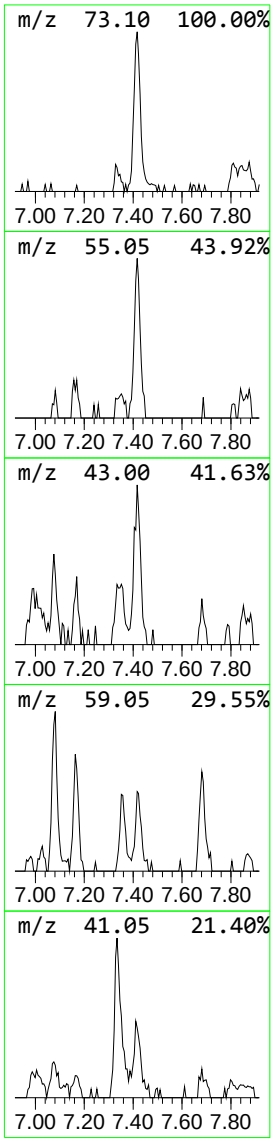
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.416	3.76 ng/ul	39412	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	28
2	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	17
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	10
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
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Sample : 05369-09
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCDN6

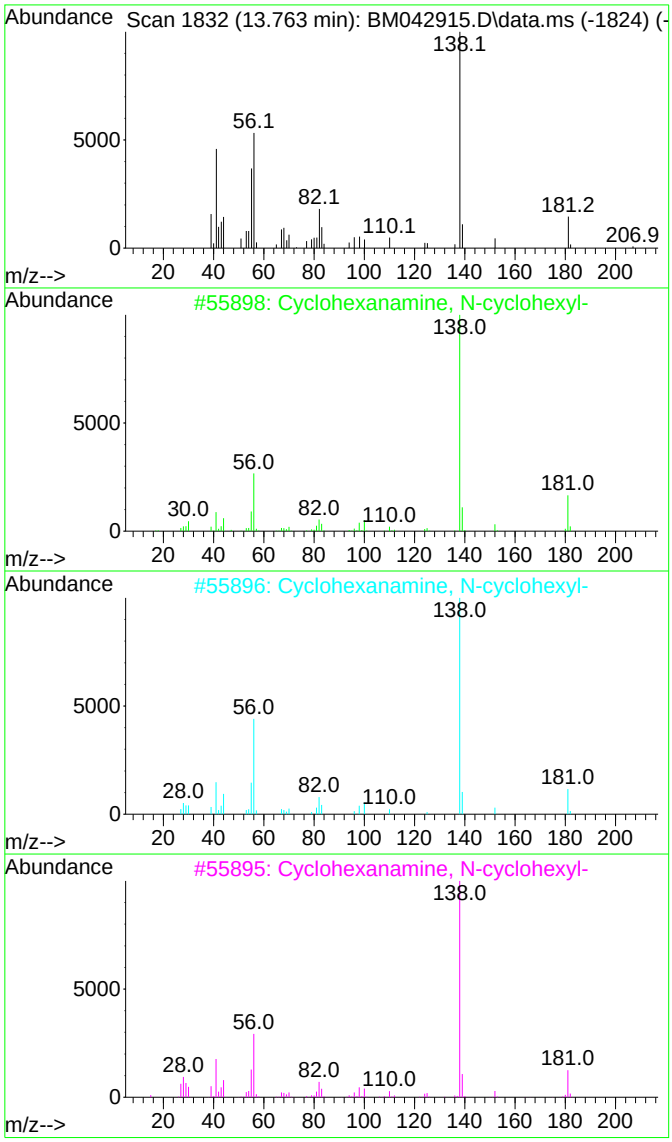
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

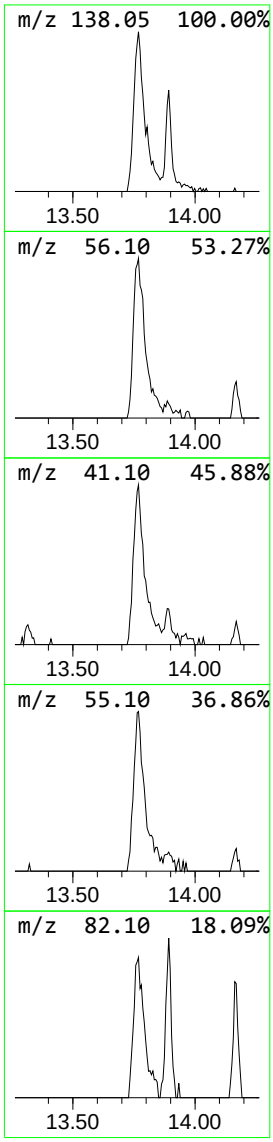
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexanamine, N-cyclohexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	8.13 ng/ul	131079	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91
5	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	90





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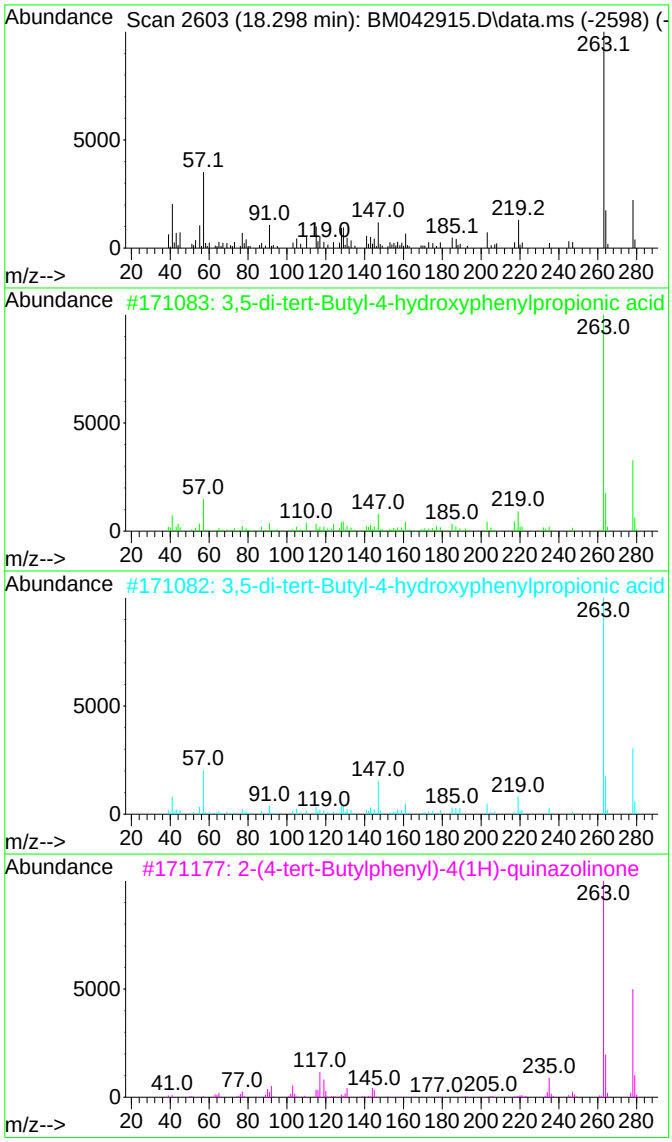
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

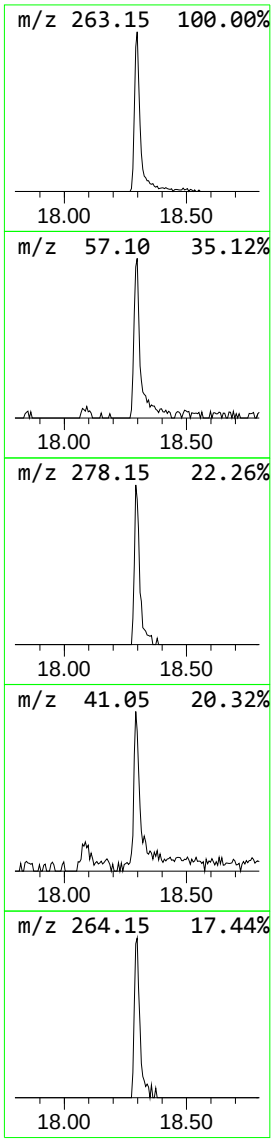
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	7.65 ng/ul	138572	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	87
3	2-(4-tert-Butylphenyl)-4(1H)-qui...	278	C18H18N2O	059455-93-5	53
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	53
5	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	53





Tentatively Identified Compound (LSC) summary

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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
Tetrachloroethy...	4.434	5.0	ng/ul	52042	1	7.810	209784	20.0
unknown-01	7.416	3.8	ng/ul	39412	1	7.810	209784	20.0
Cyclohexanamine...	13.763	8.1	ng/ul	131079	3	14.469	322585	20.0
3,5-di-tert-But...	18.298	7.7	ng/ul	138572	4	17.221	362390	20.0