LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037746.D
Acq On : 26 Nov 2022 23:00
Operator : CG/JU
Sample : N5694-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BHB40

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-BM112322.M
Title : SVOA CALIBRATION

Signal : TIC: BM037746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	5	8	11	rBV	42136	50886	0.73%	0.074%
2	3.469	11	14	22	rVB	57674	83190	1.20%	0.121%
3	3.881	81	84	99	rBV	181766	354440	5.11%	0.517%
4	4.116	120	124	132	rVB3	27953	46566	0.67%	0.068%
5	4.210	137	140	143	rVB2	12787	14343	0.21%	0.021%
6	4.816	240	243	246	rBV4	5599	7997	0.12%	0.012%
7	4.951	264	266	272	rVB5	3823	6963	0.10%	0.010%
8	5.169	301	303	307	rVB4	6471	9177	0.13%	0.013%
9	7.257	652	658	668	rVB	279178	437497	6.31%	0.639%
10	7.428	680	687	695	rBV	821703	1272526	18.34%	1.857%
11	7.634	714	722	729	rBV	835297	1290372	18.60%	1.884%
12	7.716	732	736	740	rBV5	9199	15430	0.22%	0.023%
13	8.110	796	803	810	rBV	736152	1175924	16.95%	1.716%
14	8.169	810	813	817	rVB6	7998	9502	0.14%	0.014%
15	8.651	890	895	898	rBV6	6106	8025	0.12%	0.012%
16	8.816	916	923	933	rBV	702711	1135705	16.37%	1.658%
17	8.957	945	947	951	rVB4	6703	8923	0.13%	0.013%
18	9.104	968	972	976	rBV6	5515	8972	0.13%	0.013%
19	9.192	981	987	992	rBV3	29956	49475	0.71%	0.072%
20	9.275	994	1001	1011	rVV	1046887	1742351	25.12%	2.543%
21	9.392	1014	1021	1026	rBV10	8720	17732	0.26%	0.026%
22	9.681	1065	1070	1076	rVB3	12493	23019	0.33%	0.034%
23	10.004	1118	1125	1136	rBV	856362	1383054	19.94%	2.019%
24	10.128	1141	1146	1152	rBV7	8888	16537	0.24%	0.024%
25	10.204	1154	1159	1163	rVB7	4964	8983	0.13%	0.013%
26	10.328	1174	1180	1185	rVB	27872	45281	0.65%	0.066%
27	10.545	1210	1217	1225	rBV	1183919	1932176	27.85%	2.820%
28	10.927	1273	1282	1289	rBV	1086388	1850993	26.68%	2.702%
29	10.986	1289	1292	1297	rVV5	22597	36722	0.53%	0.054%
30	11.063	1298	1305	1314	rVV	995987	1660004	23.93%	2.423%
31	11.127	1314	1316	1322	rVB7	12813	17798	0.26%	0.026%
32	11.698	1410	1413	1418	rBV7	9905	16223	0.23%	0.024%
33	11.839	1432	1437	1441	rBV7	5311	9270	0.13%	0.014%
34	11.939	1450	1454	1460	rBV9	6627	13152	0.19%	0.019%
35	12.057	1467	1474	1480	rBV	47487	88134	1.27%	0.129%
36	12.174	1484	1494	1499	rVV8	8618	24526	0.35%	0.036%

LSC Area Percent Report

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Sample : N5694-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB40

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-BM112322.M
Title : SVOA CALIBRATION

37	12.327	1511	1520	1529	rVB8	13099	28228	0.41%	0.041%
38	12.427	1529	1537	1542	rBV9	8358	22347	0.32%	0.033%
39	12.504	1542	1550	1554	rVV3	28191	50784	0.73%	0.074%
40	12.545	1554	1557	1561	rVB4	11086	14597	0.21%	0.021%
41	12.716	1582	1586	1589	rVB5	5762	7712	0.11%	0.011%
42	12.986	1630	1632	1635	rVV4	7042	7720	0.11%	0.011%
43	13.027	1636	1639	1643	rVV6	4820	7404	0.11%	0.011%
44	13.098	1647	1651	1654	rBV5	5830	8893	0.13%	0.013%
45	13.210	1668	1670	1675	rBV5	4790	7751	0.11%	0.011%
46	13.551	1719	1728	1733	rBV3	24136	39547	0.57%	0.058%
47	13.627	1736	1741	1747	rVB4	26639	53745	0.77%	0.078%
48	13.704	1749	1754	1756	rVV4	10006	15567	0.22%	0.023%
49	14.139	1820	1828	1834	rBV	2412855	3215716	46.36%	4.694%
50	14.216	1839	1841	1844	rVV5	10844	12327	0.18%	0.018%
51	14.251	1844	1847	1854	rVB8	13951	23367	0.34%	0.034%
52	14.433	1868	1878	1889	rBV	2506344	3713768	53.54%	5.421%
53	14.610	1905	1908	1915	rVB8	10288	15022	0.22%	0.022%
54	14.733	1922	1929	1939	rBV	1744206	2504427	36.10%	3.656%
55	14.915	1951	1960	1973	rBV	333572	516234	7.44%	0.754%
56	15.127	1991	1996	2003	rVV	120922	182939	2.64%	0.267%
57	15.233	2011	2014	2019	rBV7	7567	13928	0.20%	0.020%
58	15.298	2019	2025	2026	rBV6	7552	12404	0.18%	0.018%
59	15.480	2050	2056	2058	rBV6	8771	15837	0.23%	0.023%
60	15.515	2058	2062	2068	rVV	27807	54134	0.78%	0.079%
61	15.562	2068	2070	2074	rVB5	10893	13896	0.20%	0.020%
62	15.721	2089	2097	2104	rBV	3371485	4680233	67.47%	6.832%
63	15.827	2109	2115	2123	rBV	1286181	1710897	24.66%	2.497%
64	15.962	2134	2138	2143	rVB5	13297	21795	0.31%	0.032%
65	16.080	2151	2158	2163	rBV2	51294	82093	1.18%	0.120%
66	16.168	2168	2173	2177	rBV4	22495	36110	0.52%	0.053%
67	16.215	2177	2181	2184	rBV6	18180	27564	0.40%	0.040%
68	16.321	2196	2199	2200	rBV3	8810	9420	0.14%	0.014%
69	16.404	2209	2213	2219	rVB8	18972	28713	0.41%	0.042%
70	16.633	2246	2252	2257	rBV	1275461	1855177	26.74%	2.708%
71	16.680	2257	2260	2265	rVV	90733	127877	1.84%	0.187%
72	16.745	2267	2271	2276	rVB	120544	160232	2.31%	0.234%
73	16.998	2309	2314	2317	rBV	136968	196461	2.83%	0.287%
74	17.186	2343	2346	2352	rVB7	23428	26705	0.38%	0.039%
75	17.292	2353	2364	2377	rBV	776833	1704968	24.58%	2.489%
76	17.433	2384	2388	2389	rBV	85395	91918	1.33%	0.134%

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Operator : CG/JU
Sample : N5694-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB40

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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Title : SVOA CALIBRATION

77	17.468	2389	2394	2404	rVB	2257231	3201675	46.15%	4.673%
78	17.568	2404	2411	2420	rBV	4424404	6101706	87.96%	8.907%
79	17.656	2422	2426	2429	rVV2	83096	136656	1.97%	0.199%
80	17.698	2429	2433	2438	rVB	132392	205613	2.96%	0.300%
81	17.792	2445	2449	2454	rBV	67188	109758	1.58%	0.160%
82	17.839	2454	2457	2462	rVB3	43219	60097	0.87%	0.088%
83	17.956	2475	2477	2482	rVB5	18743	22117	0.32%	0.032%
84	18.074	2493	2497	2500	rBV	41214	55389	0.80%	0.081%
85	18.221	2519	2522	2528	rBV3	35855	67534	0.97%	0.099%
86	18.345	2537	2543	2553	rBV3	268913	416920	6.01%	0.609%
87	18.768	2611	2615	2619	rBV2	85866	96821	1.40%	0.141%
88	19.233	2690	2694	2702	rBV	51473	83719	1.21%	0.122%
89	19.415	2721	2725	2729	rBV3	55748	73397	1.06%	0.107%
90	19.486	2733	2737	2741	rVB	57274	87017	1.25%	0.127%
91	19.609	2754	2758	2765	rBV	144274	210690	3.04%	0.308%
92	19.762	2781	2784	2788	rVB5	36937	39164	0.56%	0.057%
93	19.850	2793	2799	2806	rBV	5285899	6936492	99.99%	10.125%
94	20.821	2962	2964	2968	rVB	87773	78755	1.14%	0.115%
95	21.321	3045	3049	3057	rBV	384141	522425	7.53%	0.763%
96	21.633	3097	3102	3110	rBV	2886987	3645328	52.55%	5.321%
97	23.962	3491	3498	3510	rVB2	3246434	6937061	100.00%	10.126%
98	24.121	3519	3525	3535	rVB2	1575829	3228902	46.55%	4.713%

Sum of corrected areas: 68507561

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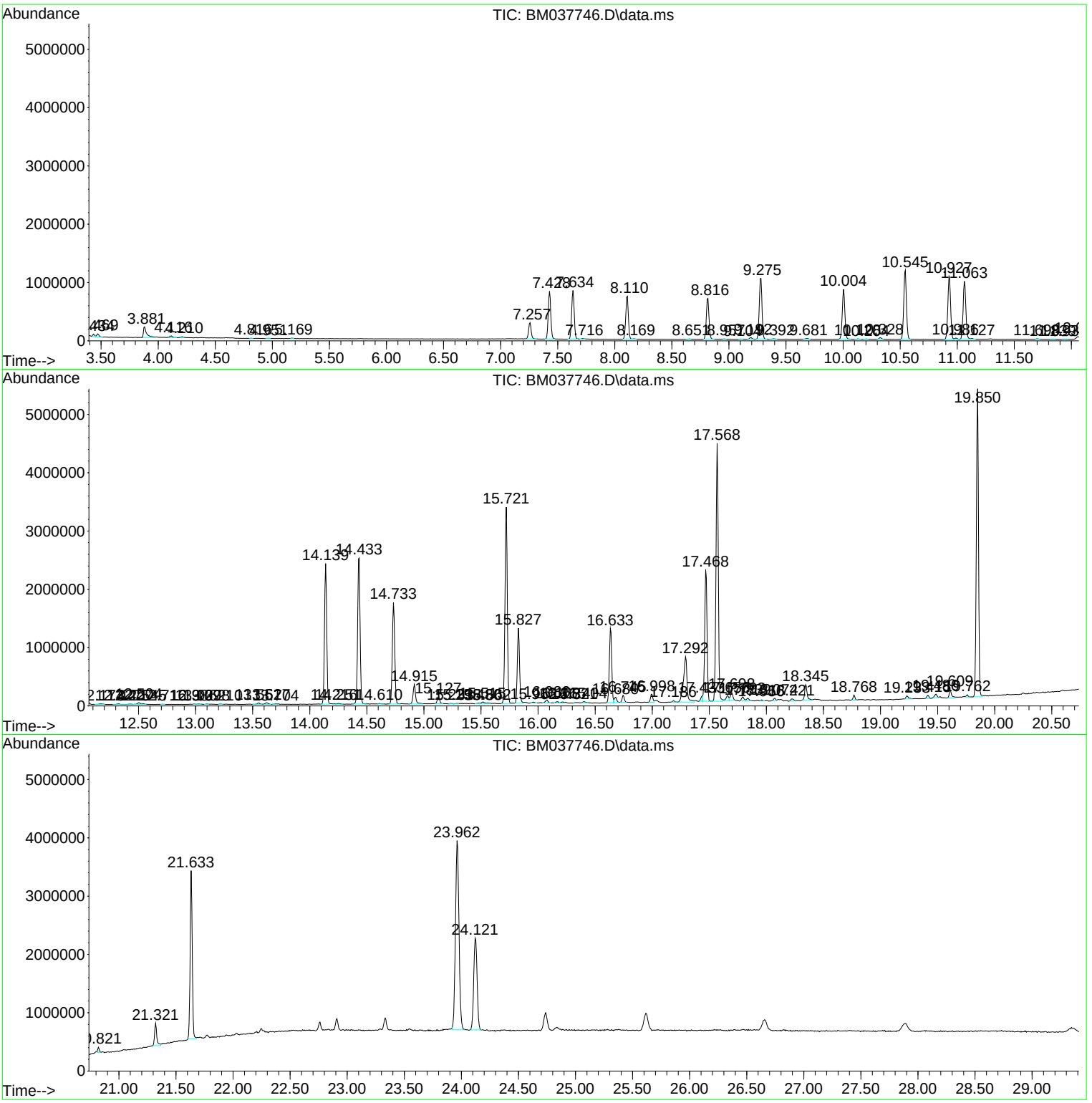
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
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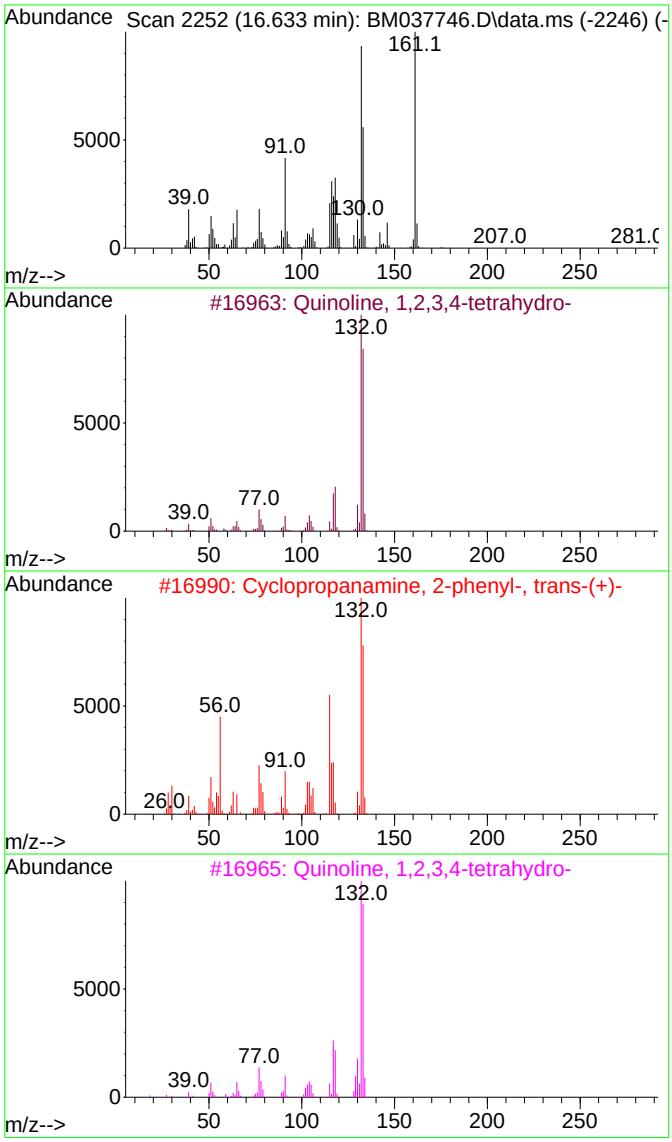
Quant Title : SVOA CALIBRATION

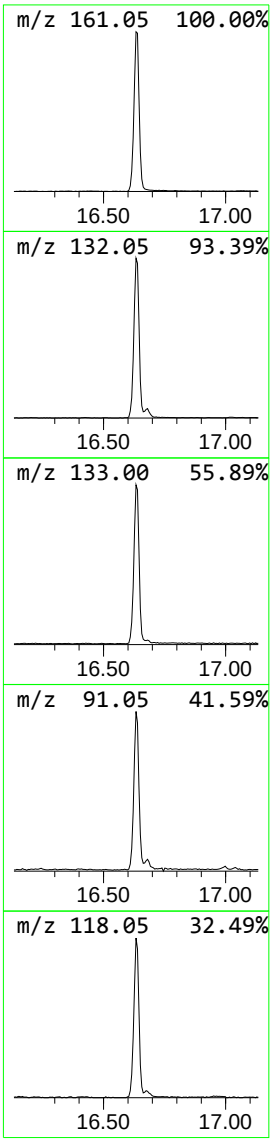
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	11.59 ng/ul	1855180	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
4	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
5	Tranylcypromine	133	C9H11N	000155-09-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
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Sample : N5694-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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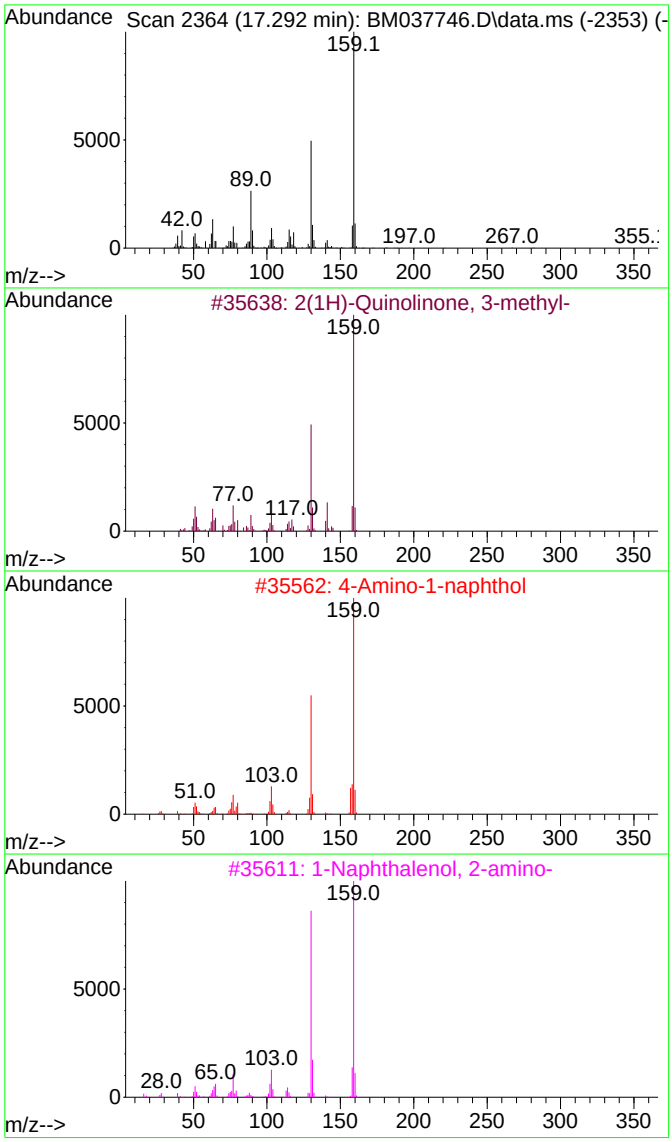
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

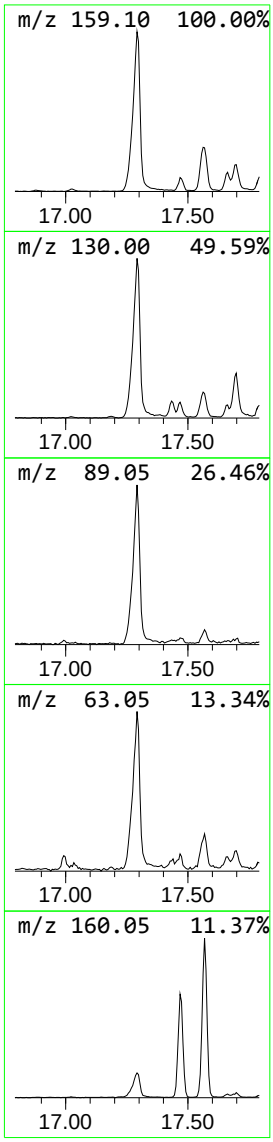
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2(1H)-Quinolinone, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.292	10.65 ng/ul	1704970	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	83
2	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	81
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	81
4	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	81
5	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

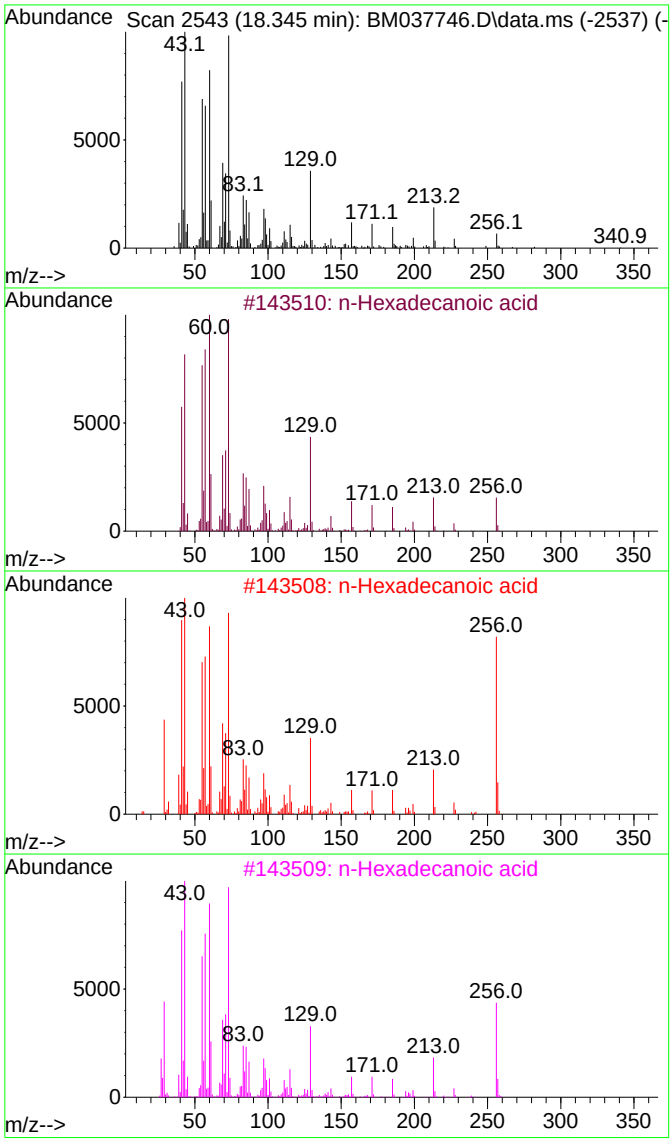
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

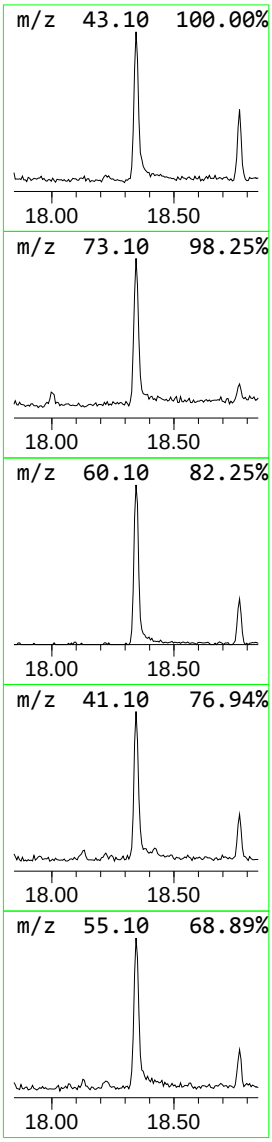
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	2.60 ng/ul	416920	Phenanthrene-d10	17.468

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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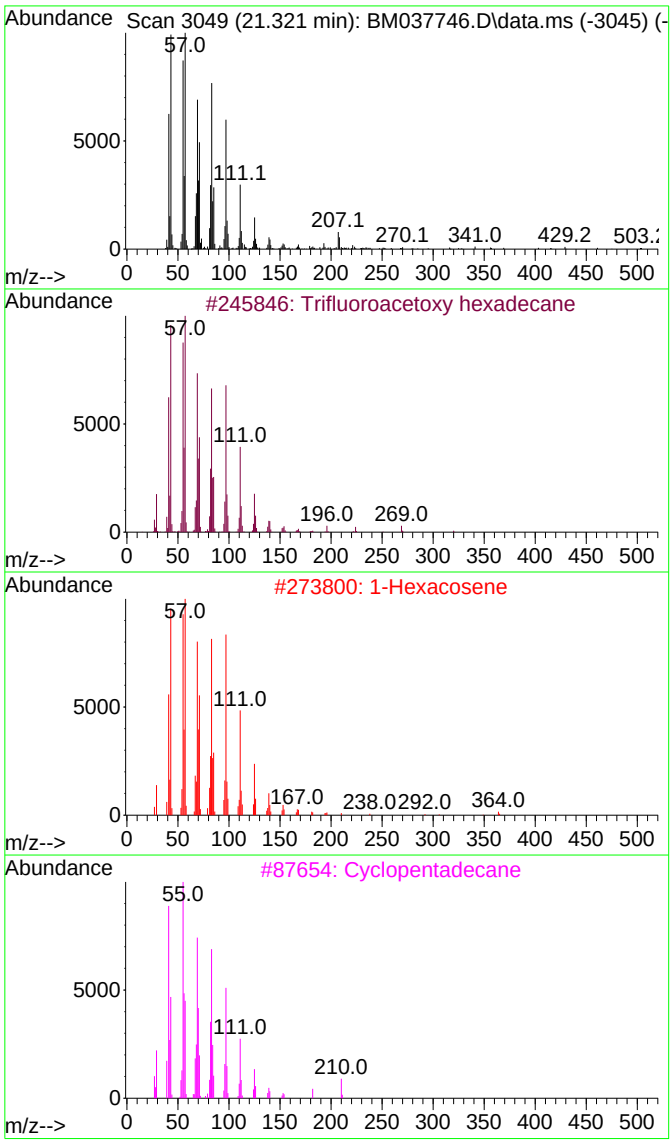
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

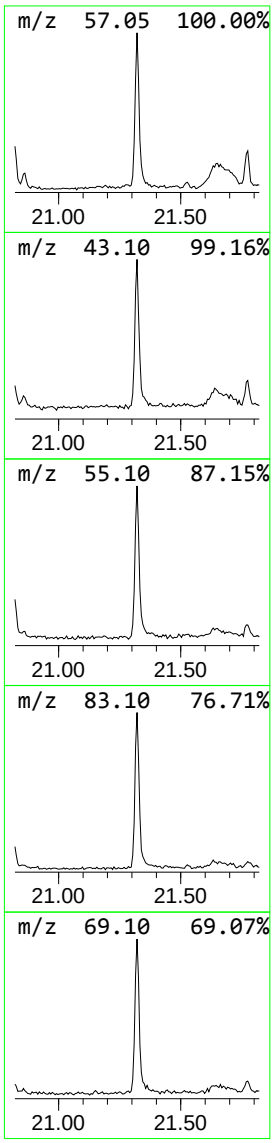
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.87 ng/ul	522425	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037746.D
Acq On : 26 Nov 2022 23:00
Operator : CG/JU
Sample : N5694-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.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
Quinoline, 1,2,...	16.633	11.6	ng/ul	1855180	4	17.468	3201680	20.0
2(1H)-Quinolino...	17.292	10.7	ng/ul	1704970	4	17.468	3201680	20.0
n-Hexadecanoic ...	18.345	2.6	ng/ul	416920	4	17.468	3201680	20.0
Trifluoroacetox...	21.321	2.9	ng/ul	522425	5	21.633	3645330	20.0