LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

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-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048026.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	40	43	48	rVB	30205	40060	0.48%	0.049%
2	3.669	112	116	122	rBV2	42679	64912	0.78%	0.079%
3	3.757	127	131	137	rVB	120695	156967	1.88%	0.192%
4	3.981	166	169	174	rVB	26335	36161	0.43%	0.044%
5	4.534	259	263	268	rVB4	26491	40413	0.48%	0.049%
6	4.781	300	305	312	rVB3	26031	43194	0.52%	0.053%
7	4.898	320	325	334	rVB3	84029	138036	1.65%	0.169%
8	4.993	336	341	352	rVB2	23241	45498	0.54%	0.056%
9	6.045	515	520	528	rVB	47359	73804	0.88%	0.090%
10	6.781	641	645	652	rBV6	11783	26674	0.32%	0.033%
11	6.951	665	674	689	rVB	426129	777021	9.30%	0.949%
12	7.110	695	701	716	rVB	364152	618331	7.40%	0.755%
13	7.316	728	736	748	rBV	478687	781650	9.36%	0.954%
14	7.781	808	815	827	rBV	1297789	2116697	25.35%	2.585%
15	8.151	873	878	883	rBV4	15612	27101	0.32%	0.033%
16	8.281	895	900	904	rBV7	12749	23650	0.28%	0.029%
17	8.492	929	936	943	rBV	458400	769005	9.21%	0.939%
18	8.545	943	945	949	rVV5	18509	28601	0.34%	0.035%
19	8.604	949	955	962	rVB	83133	145020	1.74%	0.177%
20	8.933	1004	1011	1021	rVV	398151	689991	8.26%	0.843%
21	9.369	1079	1085	1091	rBV5	12797	25648	0.31%	0.031%
22	9.657	1127	1134	1141	rBV	327443	558403	6.69%	0.682%
23	9.816	1155	1161	1169	rBV4	13747	34261	0.41%	0.042%
24	10.198	1219	1226	1239	rBV	467688	882215	10.56%	1.077%
25	10.575	1282	1290	1296	rBV	1715810	2947940	35.30%	3.600%
26	10.722	1308	1315	1336	rVB2	69878	214835	2.57%	0.262%
27	12.245	1569	1574	1581	rVB3	16974	33688	0.40%	0.041%
28	12.457	1605	1610	1619	rVB3	15970	29110	0.35%	0.036%
29	13.251	1740	1745	1749	rBV5	13965	20778	0.25%	0.025%
30	13.739	1824	1828	1833	rVV4	21595	37409	0.45%	0.046%
31	13.827	1833	1843	1856	rBV	851920	1262719	15.12%	1.542%
32	14.110	1882	1891	1903	rBV	1026688	1750006	20.96%	2.137%
33	14.263	1910	1917	1924	rVB8	24478	45710	0.55%	0.056%
34	14.421	1934	1944	1950	rBV	2436009	3788165	45.36%	4.626%
35	14.480	1950	1954	1961	rVB	92830	146987	1.76%	0.179%
36	14.545	1961	1965	1969	rVB4	23633	34864	0.42%	0.043%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

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-BM092724.MA.M
Title : SVOA CALIBRATION

37	14.627	1973	1979	1983	rBV	225115	402865	4.82%	0.492%
38	14.668	1983	1986	1993	rVB3	97601	162890	1.95%	0.199%
39	14.768	1999	2003	2007	rBV4	19250	28623	0.34%	0.035%
40	14.821	2007	2012	2019	rVB	46182	95727	1.15%	0.117%
41	14.886	2019	2023	2030	rVB3	49634	82860	0.99%	0.101%
42	15.039	2042	2049	2052	rBV9	12777	22502	0.27%	0.027%
43	15.210	2073	2078	2081	rBV6	15439	27235	0.33%	0.033%
44	15.409	2105	2112	2118	rBV	1319592	1947872	23.33%	2.378%
45	15.462	2118	2121	2127	rVV	77265	105524	1.26%	0.129%
46	15.527	2127	2132	2140	rVV	327711	483816	5.79%	0.591%
47	15.633	2146	2150	2152	rBV4	12998	18508	0.22%	0.023%
48	15.674	2152	2157	2162	rVB2	40079	60165	0.72%	0.073%
49	15.774	2168	2174	2183	rVB	356568	517867	6.20%	0.632%
50	15.904	2193	2196	2204	rVB2	29173	55441	0.66%	0.068%
51	15.986	2205	2210	2216	rVB7	27536	51886	0.62%	0.063%
52	16.139	2231	2236	2243	rBV3	49435	91456	1.10%	0.112%
53	16.339	2265	2270	2274	rVV	60954	85876	1.03%	0.105%
54	16.392	2275	2279	2283	rVB3	21973	31944	0.38%	0.039%
55	16.468	2290	2292	2296	rVB5	21999	27105	0.32%	0.033%
56	16.515	2296	2300	2304	rVB4	14782	20983	0.25%	0.026%
57	16.562	2304	2308	2313	rBV6	25066	36708	0.44%	0.045%
58	16.698	2327	2331	2334	rVV4	19155	28593	0.34%	0.035%
59	16.733	2335	2337	2341	rVB5	18376	22075	0.26%	0.027%
60	16.815	2346	2351	2357	rVB	70879	102912	1.23%	0.126%
61	16.921	2359	2369	2374	rBV7	56421	132928	1.59%	0.162%
62	16.974	2375	2378	2384	rVB	68648	99061	1.19%	0.121%
63	17.062	2390	2393	2400	rVB3	35581	69215	0.83%	0.085%
64	17.156	2400	2409	2413	rBV	2890116	4371646	52.35%	5.338%
65	17.198	2413	2416	2421	rVV	1573946	2202875	26.38%	2.690%
66	17.256	2421	2426	2430	rVV	1409808	2126647	25.47%	2.597%
67	17.292	2430	2432	2437	rVV	291189	336521	4.03%	0.411%
68	17.351	2437	2442	2448	rVB2	53039	105462	1.26%	0.129%
69	17.562	2469	2478	2483	rBV	177253	358146	4.29%	0.437%
70	17.739	2505	2508	2516	rVB4	48625	84034	1.01%	0.103%
71	17.992	2548	2551	2553	rBV3	40934	53181	0.64%	0.065%
72	18.056	2554	2562	2565	rBV2	929747	1563561	18.72%	1.909%
73	18.162	2577	2580	2585	rVB	60679	75482	0.90%	0.092%
74	18.227	2586	2591	2595	rVV2	367092	622215	7.45%	0.760%
75	18.262	2595	2597	2605	rVB	135047	179870	2.15%	0.220%
76	18.533	2639	2643	2646	rBV	176765	240778	2.88%	0.294%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

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-BM092724.MA.M
Title : SVOA CALIBRATION

77	18.574	2646	2650	2655	rVB	317039	426861	5.11%	0.521%
78	18.780	2682	2685	2690	rVB	75596	83974	1.01%	0.103%
79	18.950	2711	2714	2717	rBV2	130898	172270	2.06%	0.210%
80	19.092	2734	2738	2745	rVB	176337	306761	3.67%	0.375%
81	19.215	2753	2759	2765	rVB	4292920	5897253	70.62%	7.201%
82	19.333	2775	2779	2782	rBV2	204463	262904	3.15%	0.321%
83	19.545	2810	2815	2818	rBV2	2306031	3704526	44.36%	4.523%
84	19.574	2818	2820	2828	rVV	3128225	3839576	45.98%	4.688%
85	19.645	2829	2832	2837	rVB2	170462	233751	2.80%	0.285%
86	19.756	2848	2851	2855	rVB	158407	197592	2.37%	0.241%
87	19.897	2871	2875	2876	rBV	189466	265201	3.18%	0.324%
88	20.068	2900	2904	2914	rVB2	568578	983530	11.78%	1.201%
89	20.168	2918	2921	2925	rVB	334992	368281	4.41%	0.450%
90	20.227	2928	2931	2935	rVB3	268942	367151	4.40%	0.448%
91	20.815	3028	3031	3037	rVB	374394	490019	5.87%	0.598%
92	21.027	3065	3067	3070	rBV	273116	311220	3.73%	0.380%
93	21.062	3070	3073	3081	rVB3	1096411	1685254	20.18%	2.058%
94	21.286	3108	3111	3116	rVB	1505650	1928096	23.09%	2.354%
95	21.386	3120	3128	3132	rVV2	3772134	8350934	100.00%	10.197%
96	21.427	3132	3135	3148	rVB	1976002	3240420	38.80%	3.957%
97	22.144	3253	3257	3259	rBV3	633589	985508	11.80%	1.203%
98	23.438	3470	3477	3484	rBV	1692717	4892281	58.58%	5.974%
99	24.238	3609	3613	3625	rVB	776448	1929757	23.11%	2.356%
100	24.385	3630	3638	3647	rVV	2086254	5383771	64.47%	6.574%

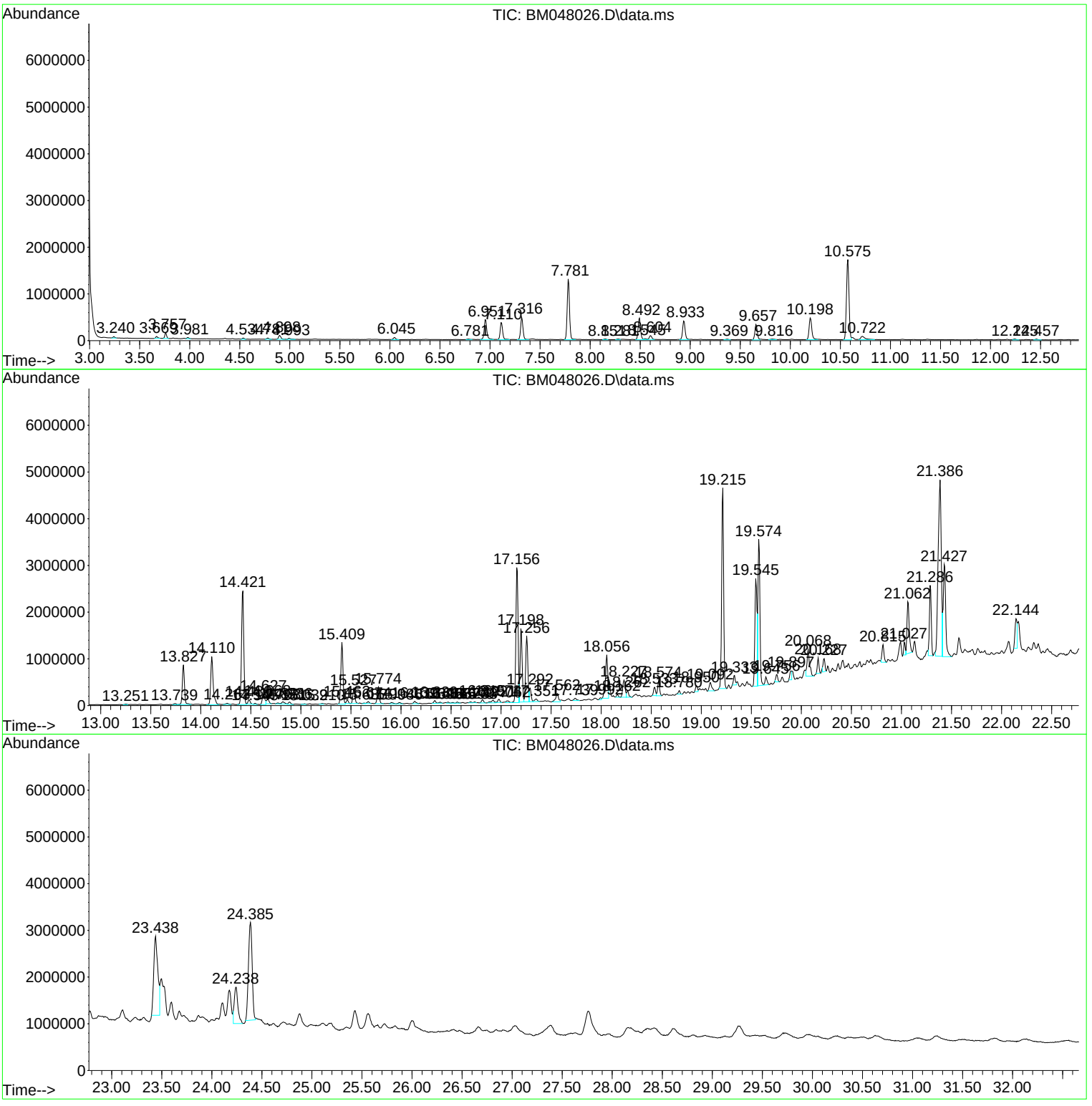
Sum of corrected areas: 81895470

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

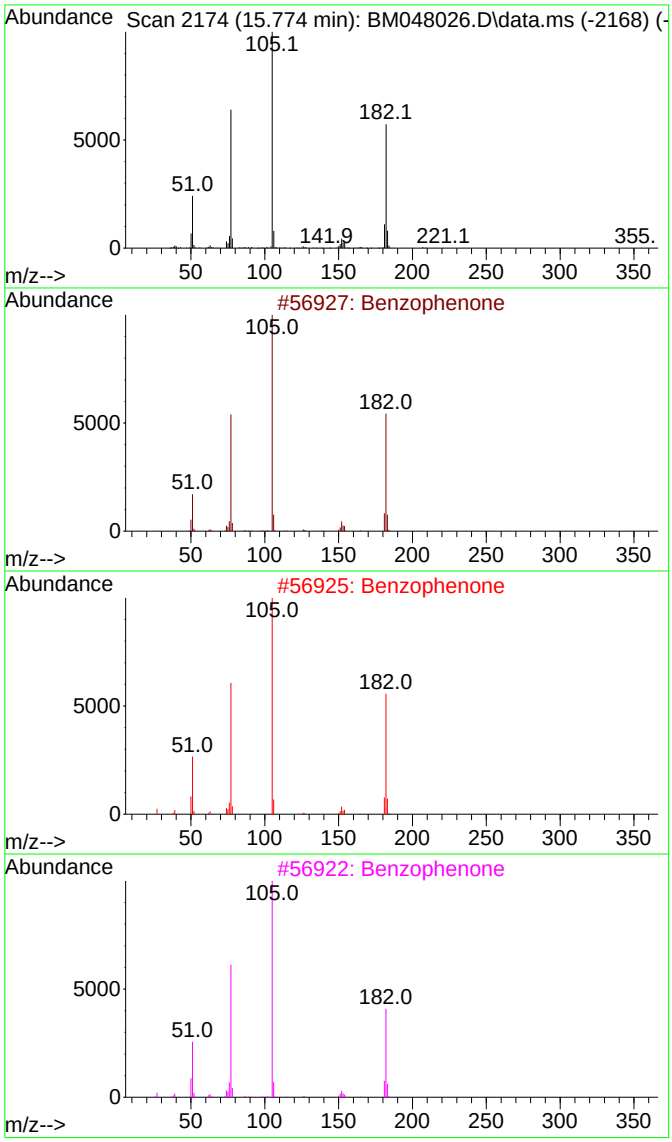
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

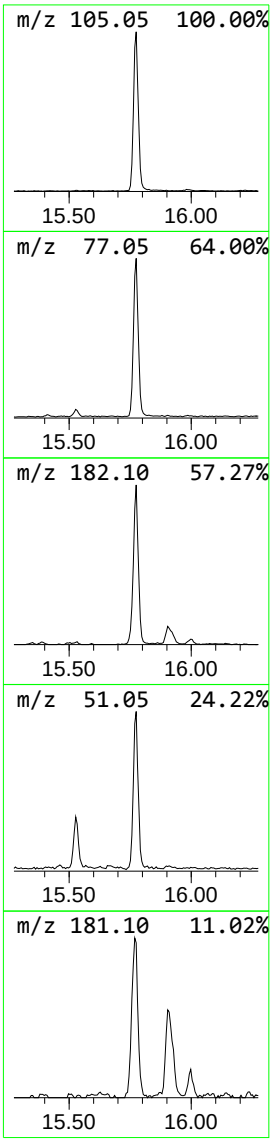
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	2.73 ng/ul	517867	Acenaphthene-d10	14.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

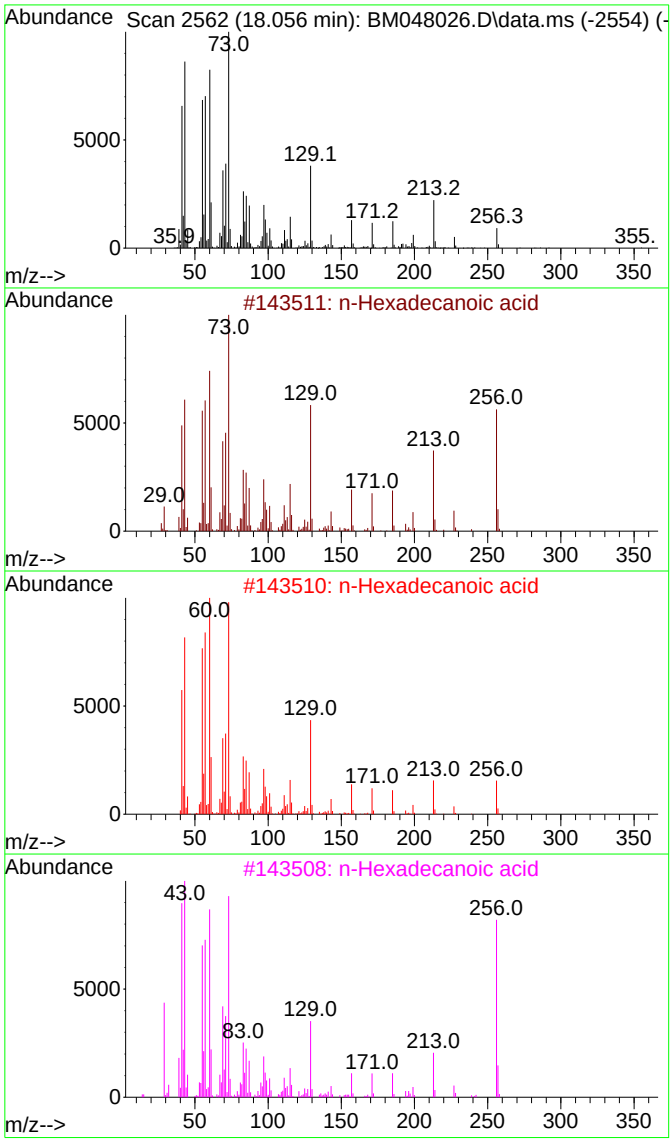
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

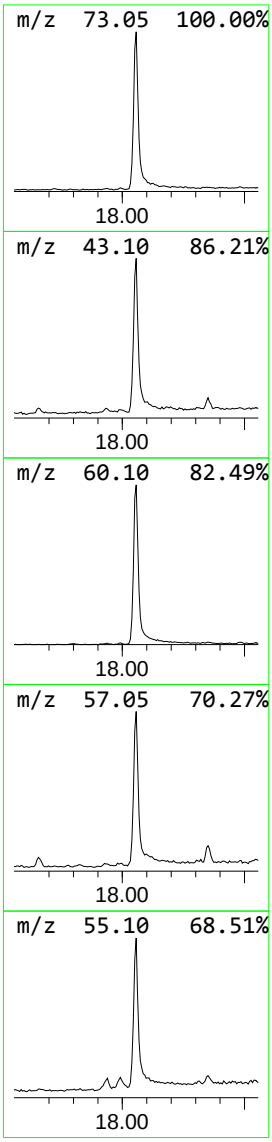
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.056	7.15 ng/ul	1563560	Phenanthrene-d10	17.156

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	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

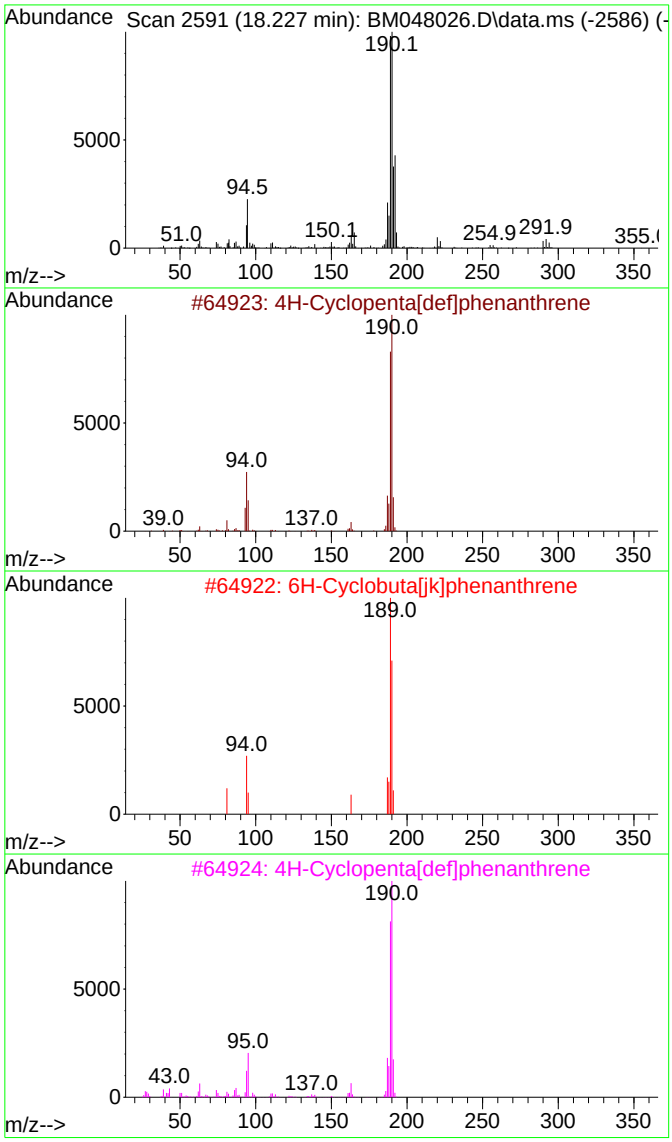
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

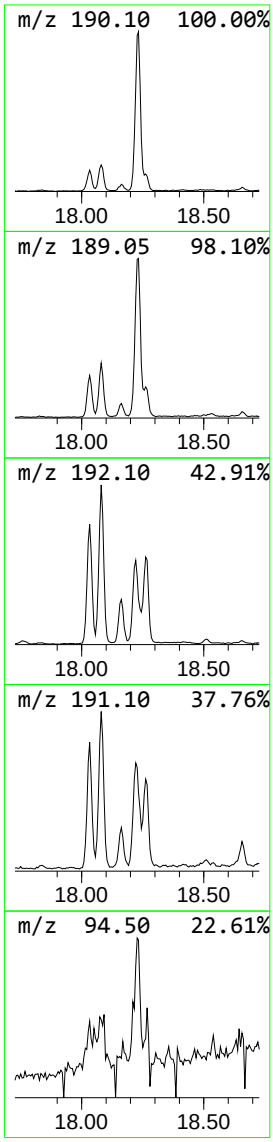
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	2.85 ng/ul	622215	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

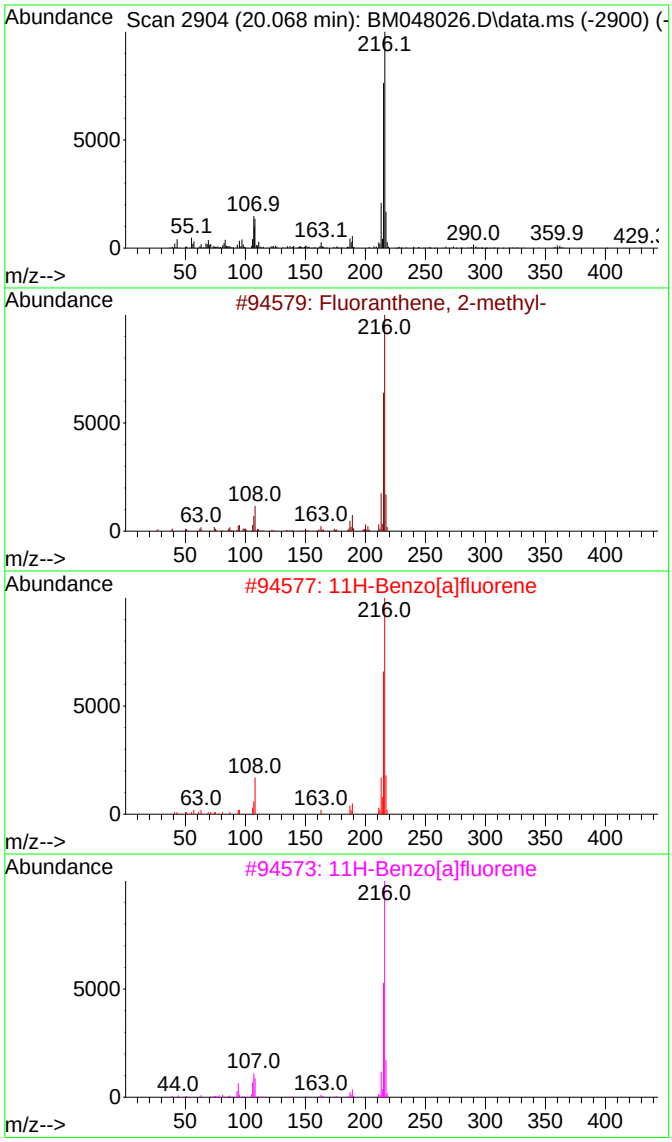
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

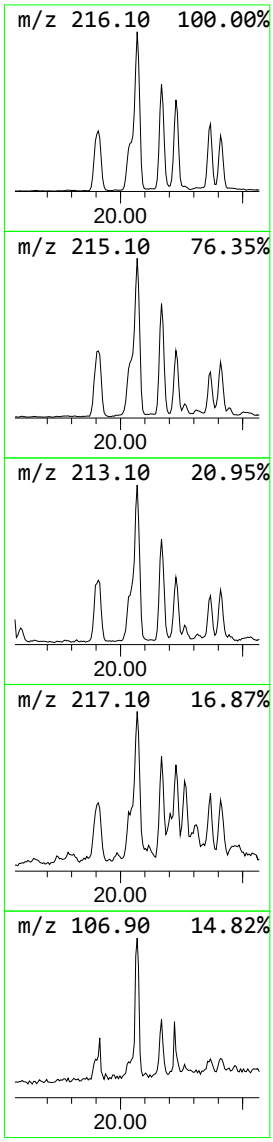
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.068	2.36 ng/ul	983530	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

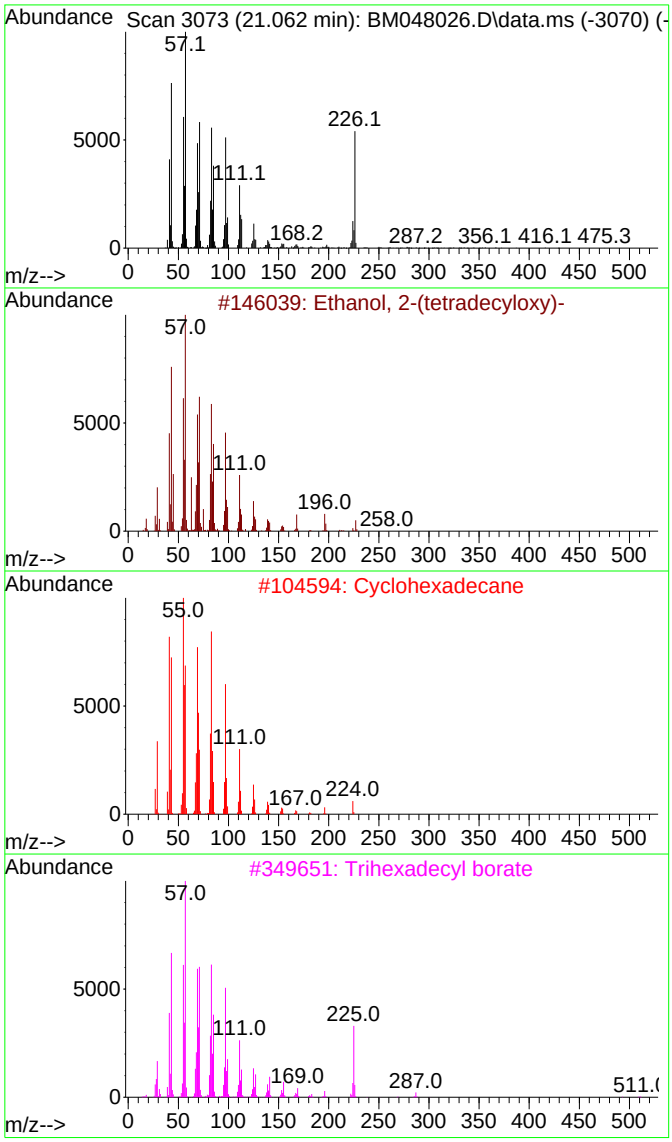
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

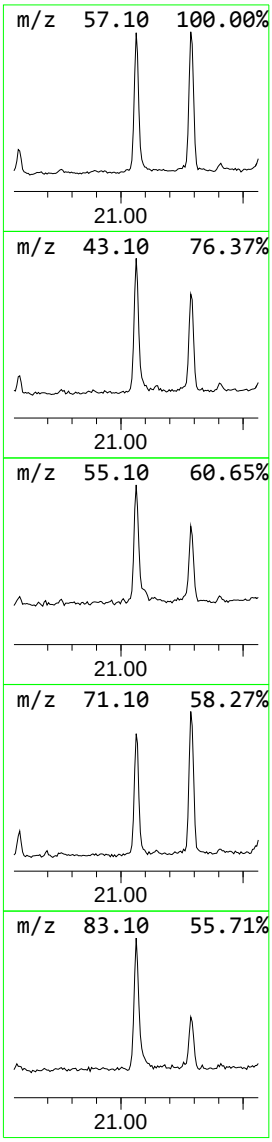
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.062	4.04 ng/ul	1685250	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	99
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	90
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

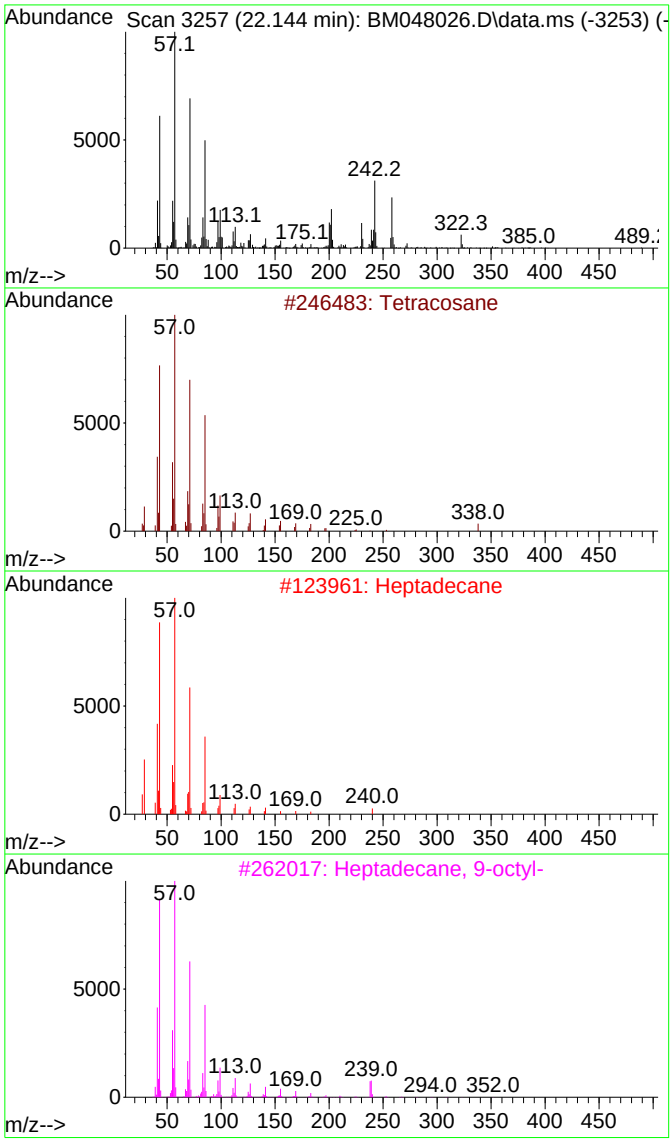
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

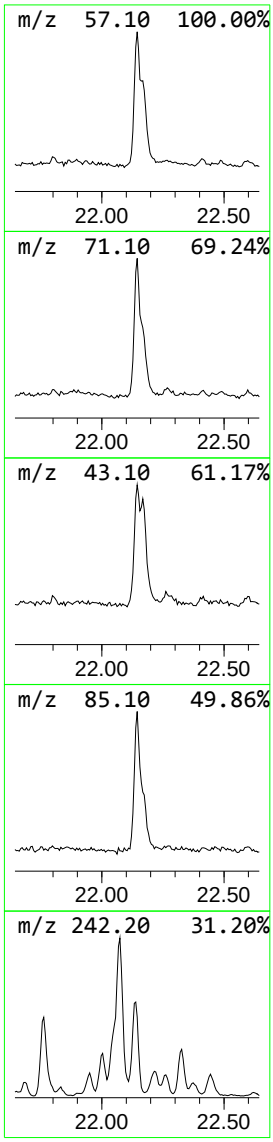
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.144	2.36 ng/ul	985508	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptadecane	240	C17H36	000629-78-7	89
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	84
4	Hexadecane	226	C16H34	000544-76-3	46
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EG1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.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
Benzophenone	15.774	2.7	ng/ul	517867	3	14.421	3788170	20.0
n-Hexadecanoic ...	18.056	7.2	ng/ul	1563560	4	17.156	4371650	20.0
4H-Cyclopenta[d...	18.227	2.9	ng/ul	622215	4	17.156	4371650	20.0
Fluoranthene, 2...	20.068	2.4	ng/ul	983530	5	21.386	8350930	20.0
Ethanol, 2-(tet...	21.062	4.0	ng/ul	1685250	5	21.386	8350930	20.0
(DEL) Alkane: S...	22.144	2.4	ng/ul	985508	5	21.386	8350930	20.0