LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44B7

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_P\Methods\SFAM-EPA-BP082324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021787.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	19	rVB	4277595	4614194	11.51%	1.017%
2	3.275	46	49	53	rVB	35321	42888	0.11%	0.009%
3	4.011	169	174	181	rBV	69056	97301	0.24%	0.021%
4	5.452	414	419	427	rBV	18759	40303	0.10%	0.009%
5	6.169	534	541	552	rBV2	32281	78423	0.20%	0.017%
6	6.975	667	678	695	rVB2	1749115	4072112	10.16%	0.897%
7	7.110	695	701	710	rBV	676189	1069777	2.67%	0.236%
8	7.205	710	717	728	rVB	2860848	4348618	10.85%	0.958%
9	7.316	728	736	738	rBV	752454	1203375	3.00%	0.265%
10	7.346	738	741	750	rVB	1416934	2338970	5.83%	0.515%
11	7.669	788	796	805	rBV	2467478	3975537	9.92%	0.876%
12	7.781	806	815	817	rVV	1024451	1568005	3.91%	0.345%
13	7.816	817	821	833	rVB	2164504	3509987	8.76%	0.773%
14	8.016	849	855	863	rBV4	23179	50569	0.13%	0.011%
15	8.134	866	875	888	rVB	7803138	12984034	32.39%	2.861%
16	8.487	928	935	944	rBV	959554	1606394	4.01%	0.354%
17	8.581	944	951	975	rVB	3059333	4996493	12.46%	1.101%
18	8.928	1003	1010	1013	rBV	700815	1269966	3.17%	0.280%
19	8.975	1013	1018	1028	rVB	3077985	5208201	12.99%	1.148%
20	9.340	1072	1080	1083	rBV2	23406	43451	0.11%	0.010%
21	9.681	1125	1138	1151	rBV2	2931538	5416404	13.51%	1.193%
22	9.975	1181	1188	1199	rBV	3354607	5172909	12.90%	1.140%
23	10.216	1217	1229	1251	rBV2	5053031	10026134	25.01%	2.209%
24	10.563	1279	1288	1297	rBV	1193892	2194210	5.47%	0.483%
25	10.693	1303	1310	1320	rBV	179054	332096	0.83%	0.073%
26	11.851	1497	1507	1521	rBV	5568827	10214796	25.48%	2.251%
27	12.640	1636	1641	1646	rVB	48897	64551	0.16%	0.014%
28	12.840	1667	1675	1681	rBV	3039533	4799948	11.97%	1.058%
29	12.910	1681	1687	1703	rVB	3802461	6369313	15.89%	1.403%
30	13.245	1740	1744	1748	rBV	34166	44066	0.11%	0.010%
31	13.822	1829	1842	1853	rBV	1173763	1897913	4.73%	0.418%
32	13.987	1862	1870	1876	rBV	4255978	5760157	14.37%	1.269%
33	14.110	1881	1891	1900	rVB2	1839312	2955060	7.37%	0.651%
34	14.422	1937	1944	1949	rVV	1735435	2738546	6.83%	0.603%
35	14.486	1949	1955	1962	rVV	10215646	16973072	42.34%	3.740%
36	14.551	1962	1966	1972	rVB	170419	215498	0.54%	0.047%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44B7

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_P\Methods\SFAM-EPA-BP082324.MA.M
Title : SVOA CALIBRATION

37	14.634	1972	1980	1996	rBV3	1752977	3441720	8.59%	0.758%
38	14.792	1999	2007	2023	rVB	6955057	10519357	26.24%	2.318%
39	15.057	2044	2052	2058	rBV2	82015	139415	0.35%	0.031%
40	15.257	2078	2086	2091	rBV	3523428	4884879	12.19%	1.076%
41	15.433	2108	2116	2120	rBV	2395269	4075885	10.17%	0.898%
42	15.492	2120	2126	2131	rVV	8204994	12994540	32.42%	2.863%
43	15.545	2131	2135	2143	rVB	392868	534776	1.33%	0.118%
44	15.739	2163	2168	2173	rBV	143813	197387	0.49%	0.043%
45	15.804	2173	2179	2186	rVV	1539278	2087600	5.21%	0.460%
46	15.981	2205	2209	2220	rVB	42736	90907	0.23%	0.020%
47	16.175	2237	2242	2257	rVB2	148077	278570	0.69%	0.061%
48	16.398	2266	2280	2288	rBV	5019187	7545370	18.82%	1.662%
49	16.869	2351	2360	2371	rBV	8468051	12468855	31.10%	2.747%
50	16.951	2371	2374	2378	rVV3	39930	67622	0.17%	0.015%
51	17.222	2414	2420	2423	rBV	2006633	3208361	8.00%	0.707%
52	17.269	2423	2428	2433	rVV	10732381	15985560	39.88%	3.522%
53	17.328	2433	2438	2441	rVV2	2899757	4820093	12.02%	1.062%
54	17.363	2441	2444	2452	rVB	3812053	5413772	13.50%	1.193%
55	17.651	2488	2493	2500	rVB5	32984	84687	0.21%	0.019%
56	17.857	2523	2528	2536	rVB5	60218	124782	0.31%	0.027%
57	17.933	2536	2541	2547	rVB	272475	323016	0.81%	0.071%
58	18.157	2575	2579	2586	rBV	274656	404706	1.01%	0.089%
59	18.239	2586	2593	2598	rBV	13717668	19570546	48.82%	4.312%
60	18.475	2626	2633	2641	rBV3	126529	277474	0.69%	0.061%
61	18.627	2655	2659	2664	rBV2	103179	176409	0.44%	0.039%
62	18.686	2664	2669	2677	rVB	316769	468725	1.17%	0.103%
63	18.898	2701	2705	2711	rVB5	62965	107753	0.27%	0.024%
64	19.039	2724	2729	2732	rBV	158011	248700	0.62%	0.055%
65	19.145	2744	2747	2751	rVB5	85965	108644	0.27%	0.024%
66	19.251	2762	2765	2768	rBV2	62968	74356	0.19%	0.016%
67	19.292	2769	2772	2775	rBV	205138	255040	0.64%	0.056%
68	19.351	2776	2782	2789	rVB	9951381	14798844	36.92%	3.261%
69	19.486	2802	2805	2810	rBV7	63967	119808	0.30%	0.026%
70	19.604	2821	2825	2830	rBV	485794	606774	1.51%	0.134%
71	19.733	2834	2847	2853	rBV2	21082181	40087585	100.00%	8.832%
72	20.433	2963	2966	2971	rVB2	361560	449104	1.12%	0.099%
73	20.680	3003	3008	3014	rBV	11215320	14548914	36.29%	3.206%
74	21.357	3118	3123	3134	rVB	854997	1521026	3.79%	0.335%
75	21.521	3148	3151	3156	rVB	280015	360766	0.90%	0.079%
76	21.604	3159	3165	3170	rVV	16324251	23687758	59.09%	5.219%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

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_P\Methods\SFAM-EPA-BP082324.MA.M
Title : SVOA CALIBRATION

77	21.668	3170	3176	3182	rVV2	10423733	20653932	51.52%	4.551%
78	21.727	3182	3186	3199	rVB	6809680	10571302	26.37%	2.329%
79	22.915	3379	3388	3396	rVB	13936016	28785294	71.81%	6.342%
80	24.010	3566	3574	3580	rBV	4089776	9727988	24.27%	2.143%
81	24.080	3580	3586	3600	rVB	6080225	15727103	39.23%	3.465%
82	24.851	3709	3717	3724	rBV	2516128	6930696	17.29%	1.527%
83	24.927	3724	3730	3744	rVB	2844194	7603826	18.97%	1.675%
84	25.092	3749	3758	3770	rVB	1695583	4609414	11.50%	1.016%
85	28.968	4406	4417	4419	rBV	727648	2141651	5.34%	0.472%
86	29.068	4422	4434	4435	rBV	4636892	11666937	29.10%	2.571%

Sum of corrected areas: 453871500

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
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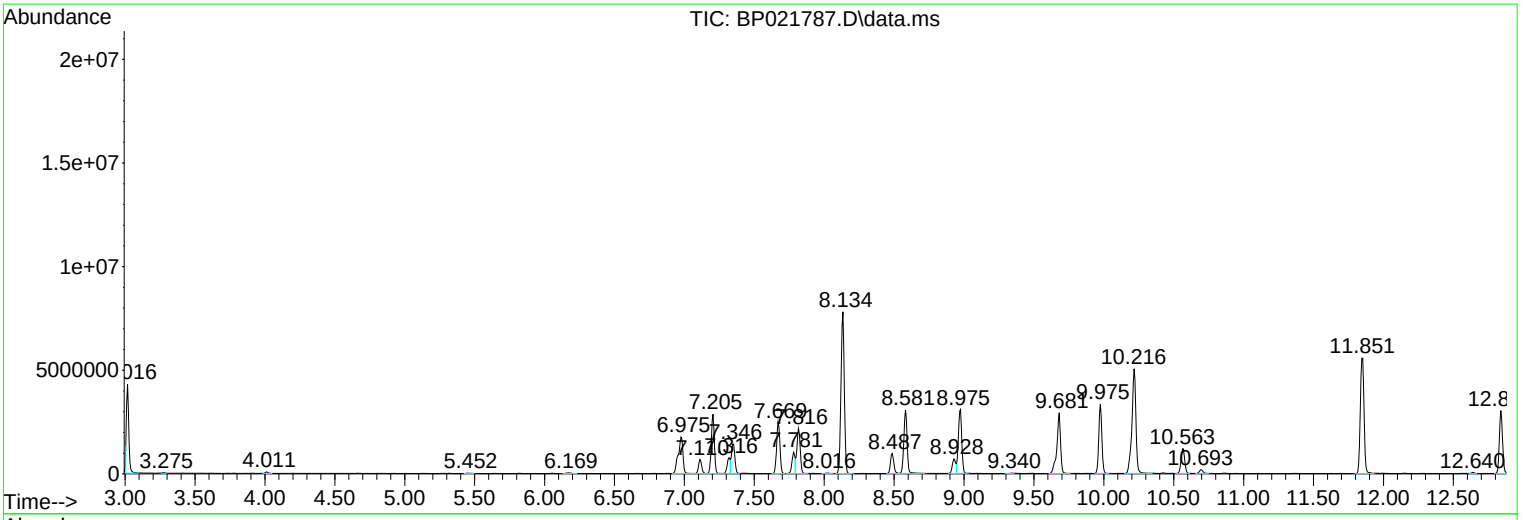
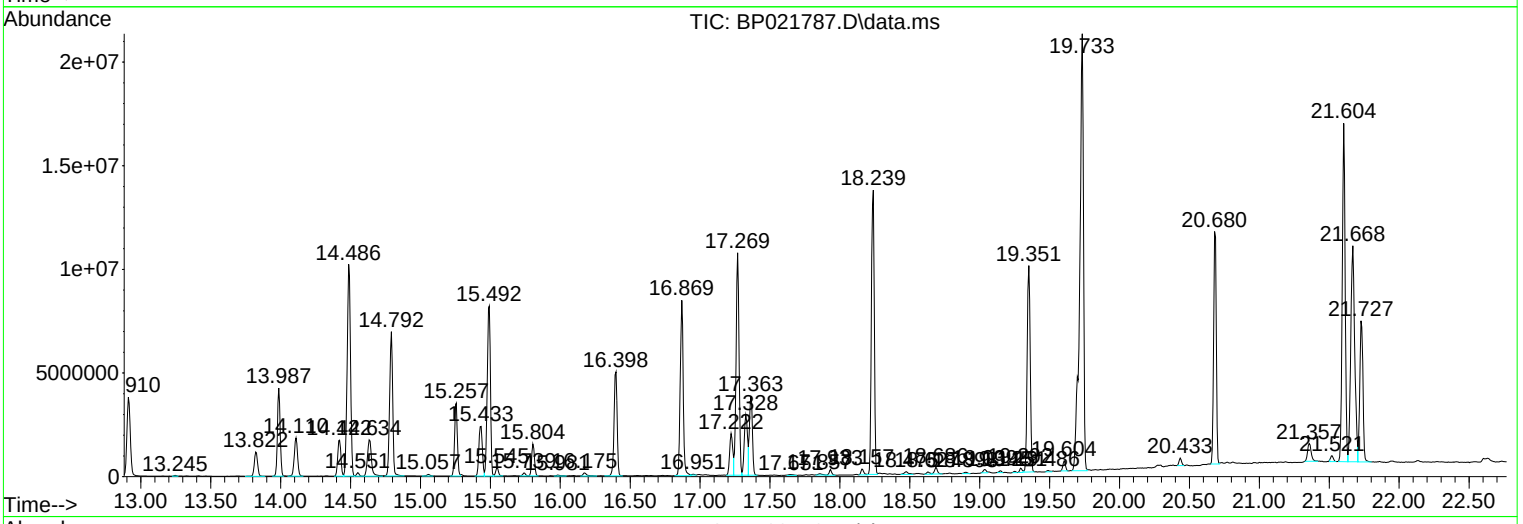
Misc :
ALS Vial : 4 Sample Multiplier: 1

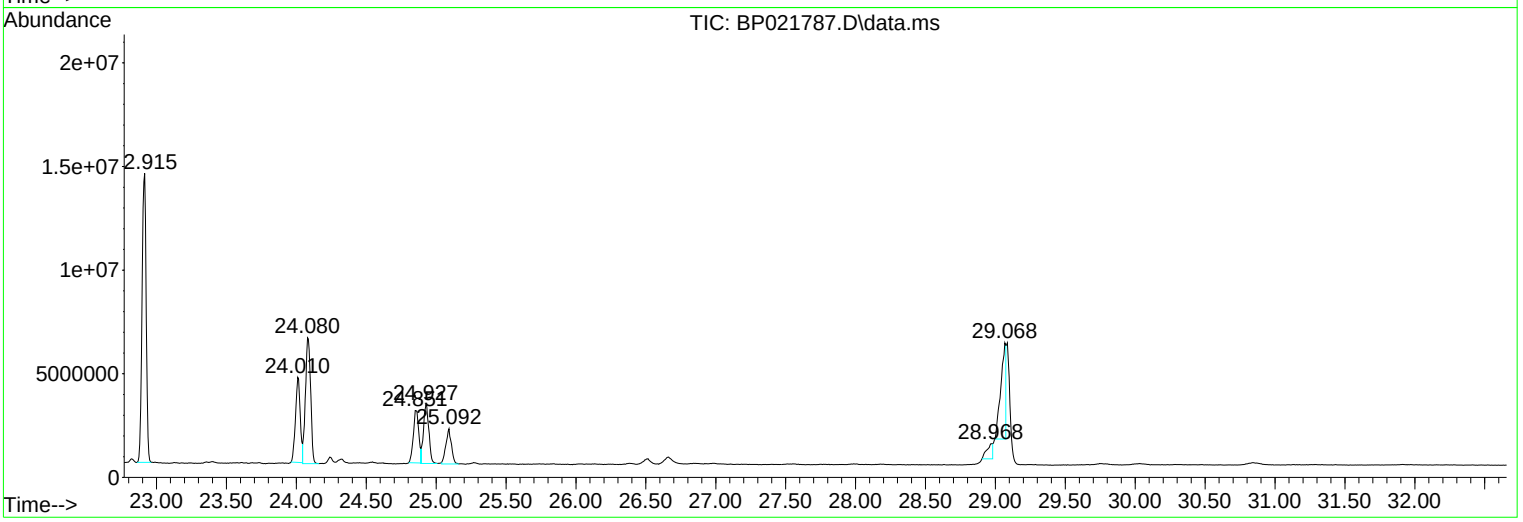
Instrument :
BNA_P
ClientSampleId :
A44B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

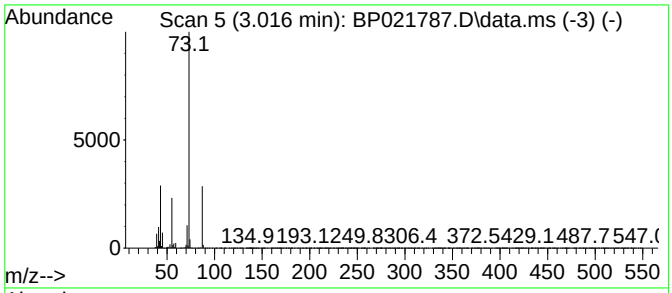
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

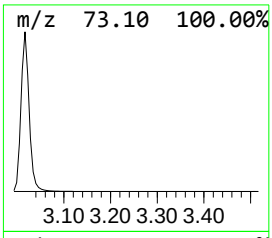
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

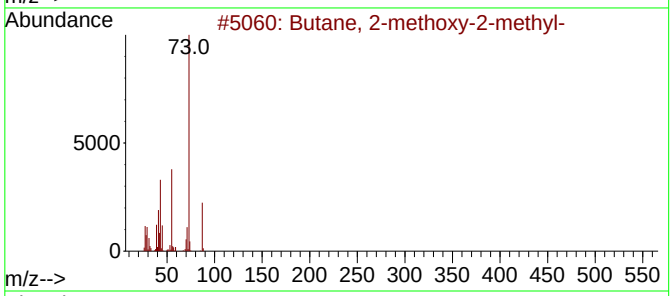
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

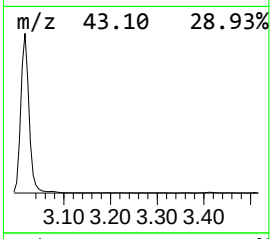
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	58.85 ng/ul	4614190	1,4-Dichlorobenzene-d4	7.781

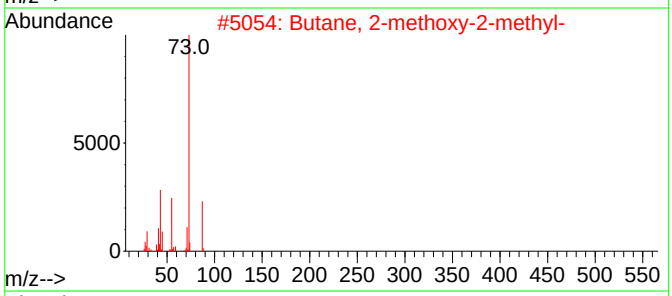
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

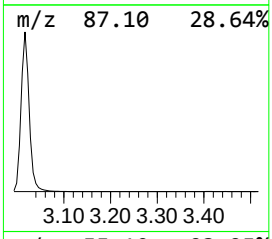


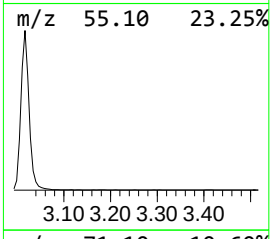


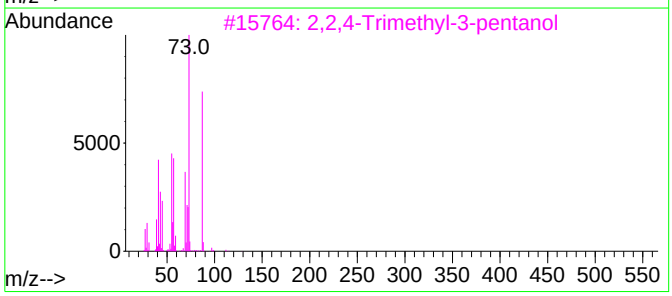


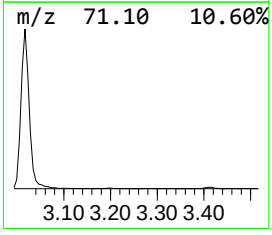












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

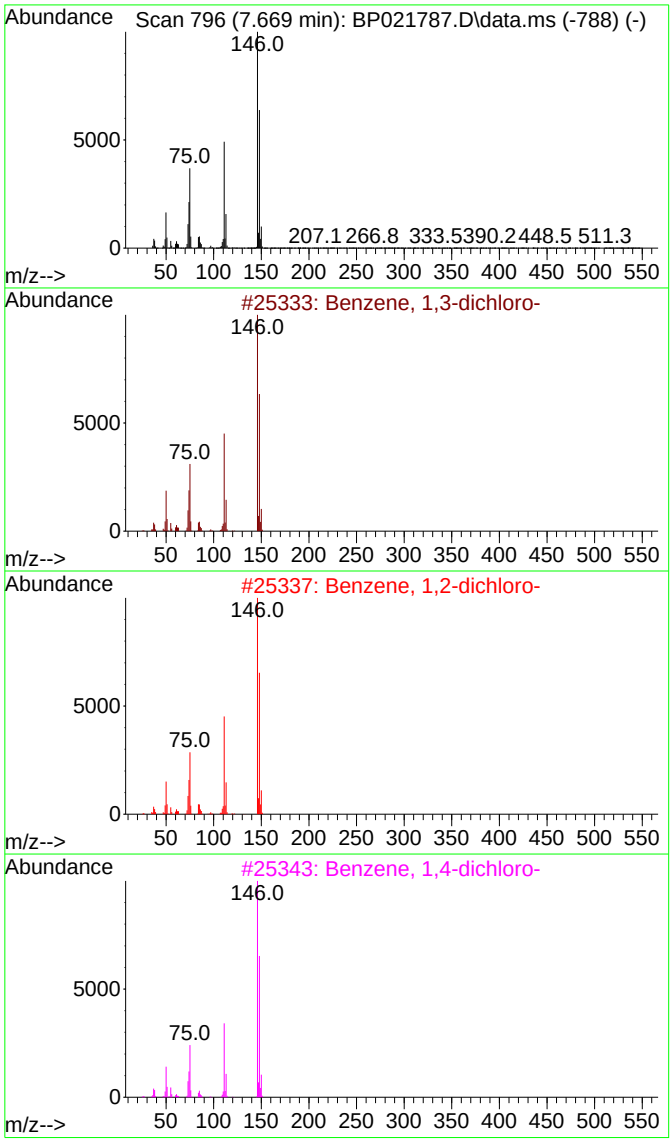
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

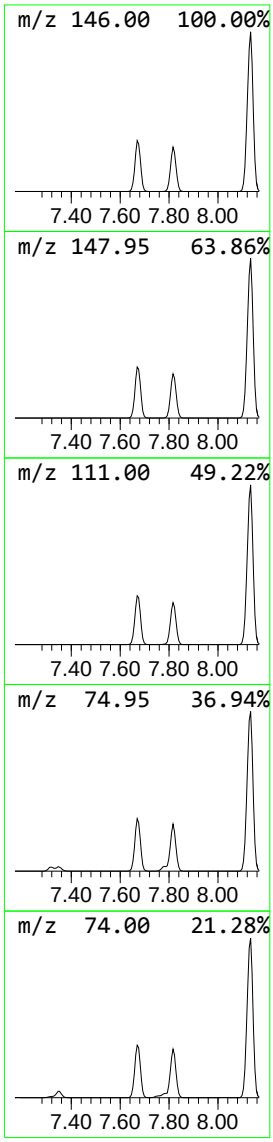
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.669	50.71 ng/ul	3975540	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

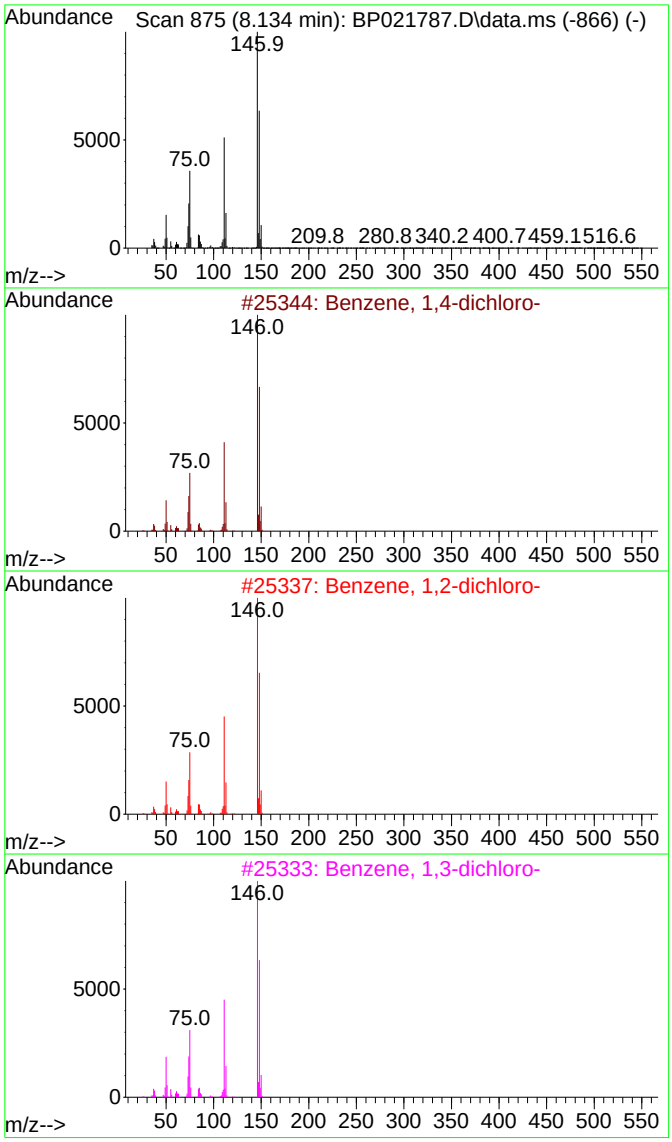
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

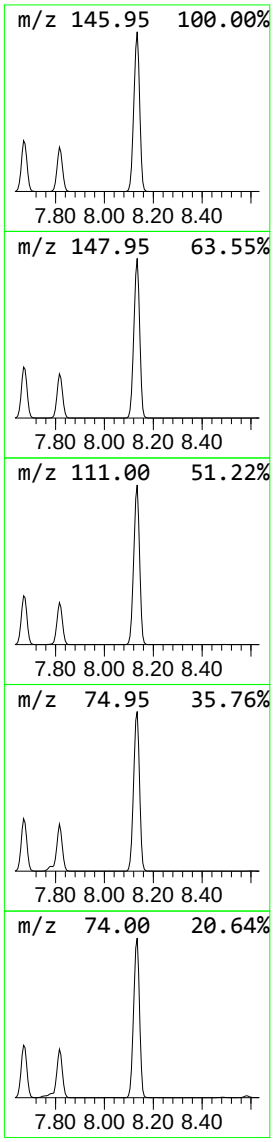
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	165.61 ng/ul	12984000	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

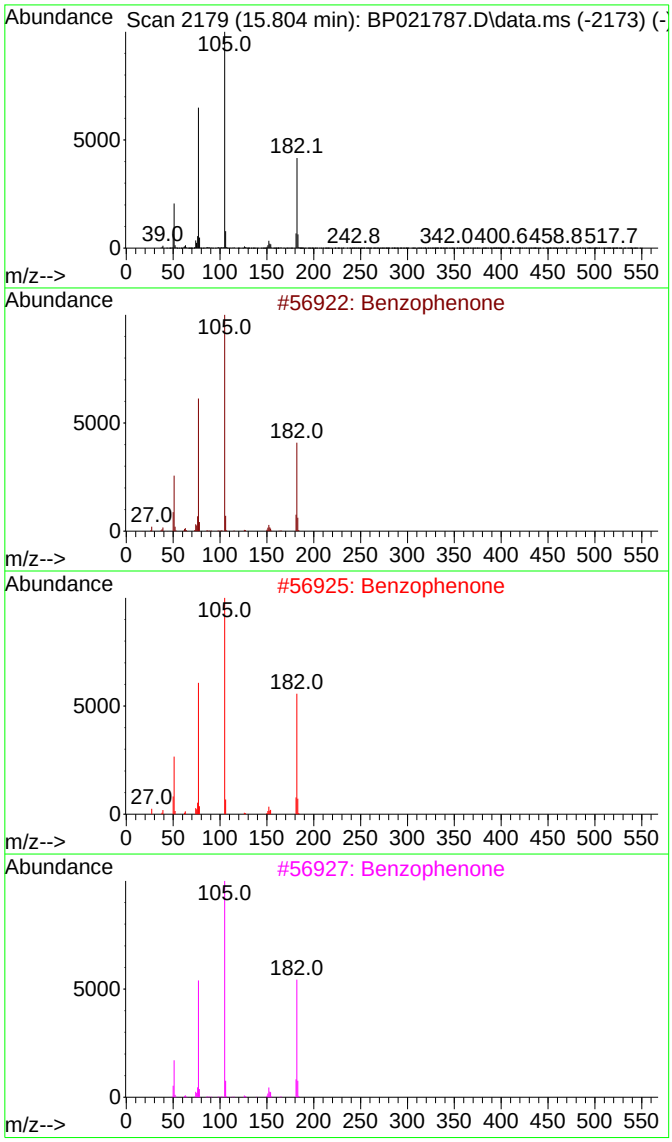
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

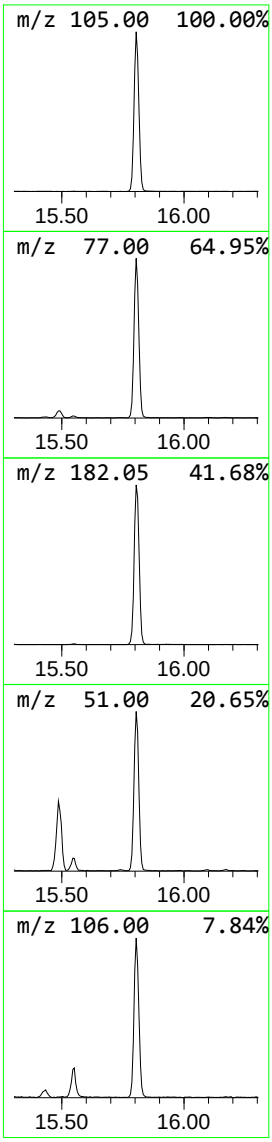
****

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	15.25 ng/ul	2087600	Acenaphthene-d10	14.422

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	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

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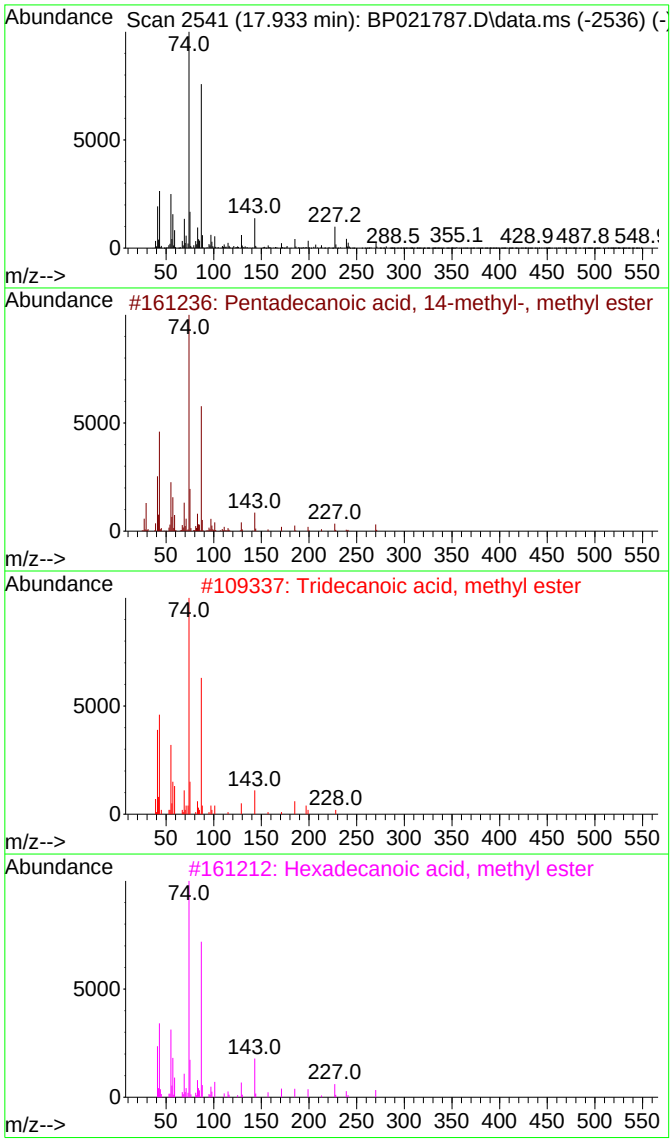
Quant Title : SVOA CALIBRATION

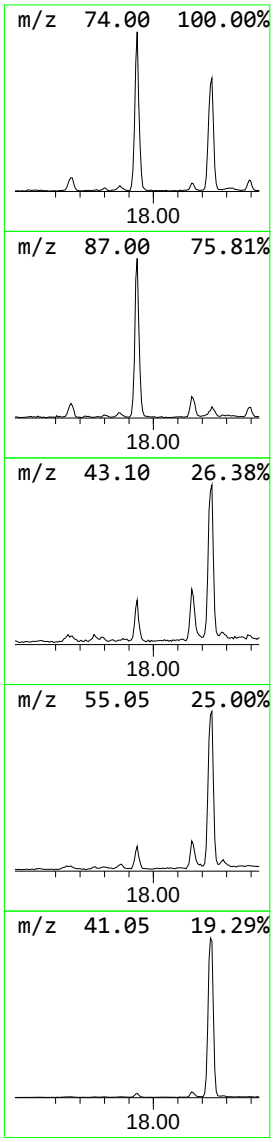
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecanoic acid, 14-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	2.01 ng/ul	323016	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

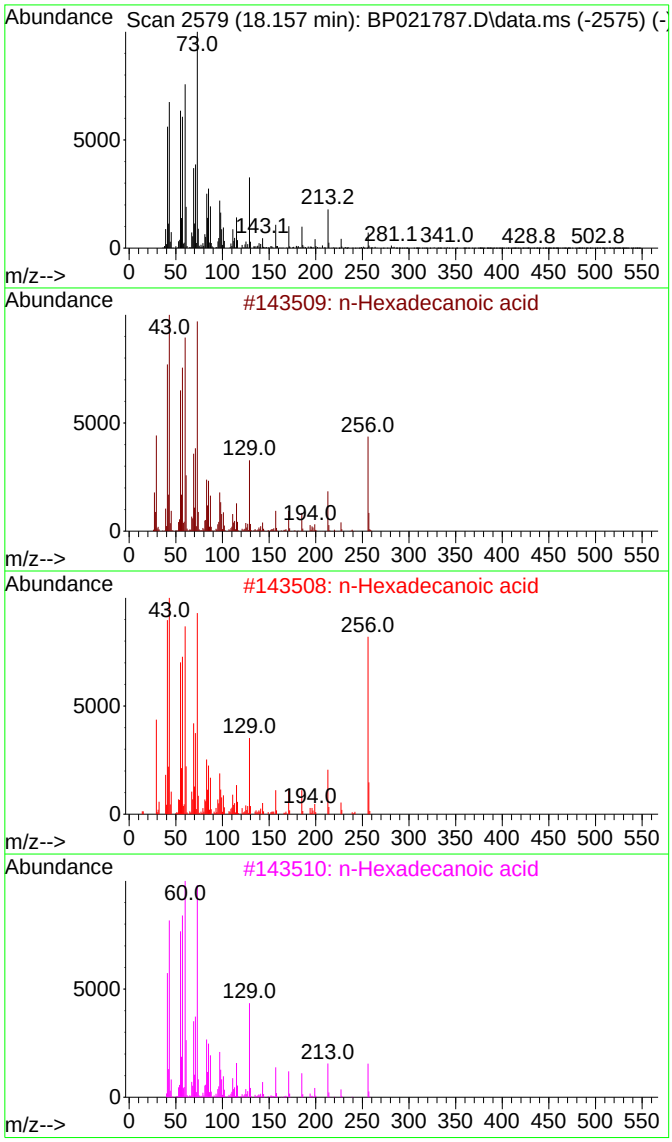
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

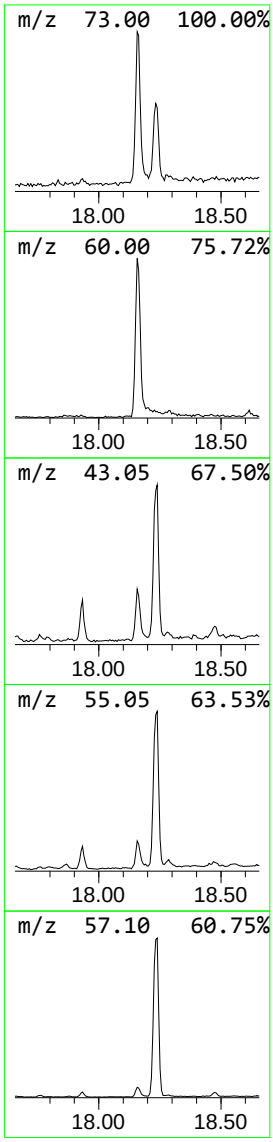
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.52 ng/ul	404706	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

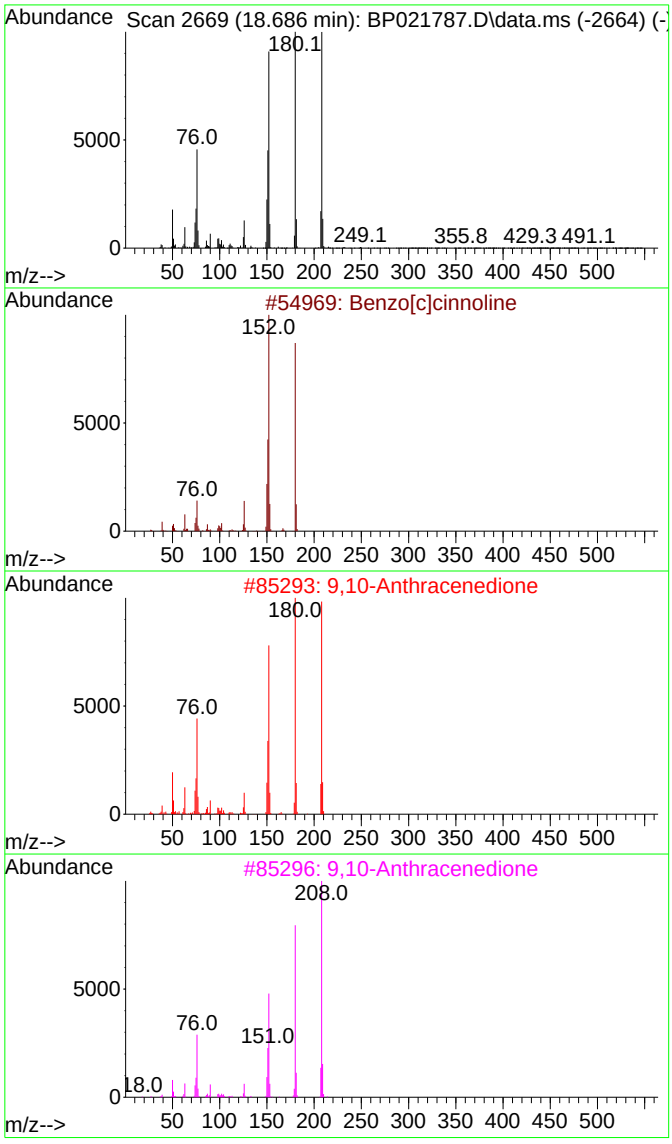
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

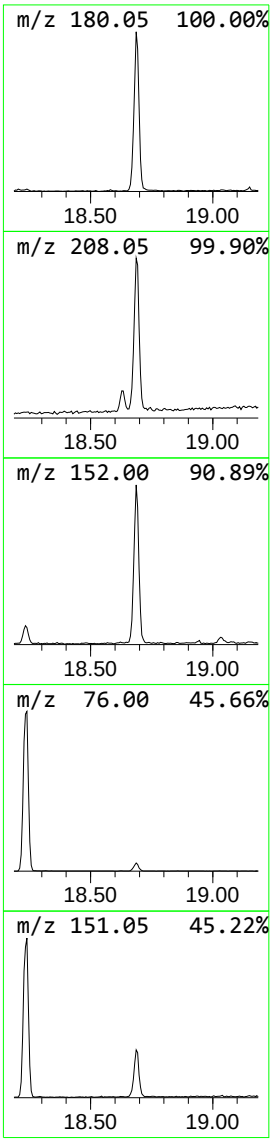
****

Peak Number 7 Benzo[c]cinnoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	2.92 ng/ul	468725	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021787.D
Acq On : 03 Sep 2024 10:45
Operator : RC/JU
Sample : P3733-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44B7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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
Butane, 2-metho...	3.016	58.9	ng/ul	4614190	1	7.781	1568010	20.0
Benzene, 1,3-di...	7.669	50.7	ng/ul	3975540	1	7.781	1568010	20.0
Benzene, 1,4-di...	8.134	165.6	ng/ul	12984000	1	7.781	1568010	20.0
Benzophenone	15.804	15.3	ng/ul	2087600	3	14.422	2738550	20.0
Pentadecanoic a...	17.933	2.0	ng/ul	323016	4	17.222	3208360	20.0
n-Hexadecanoic ...	18.157	2.5	ng/ul	404706	4	17.222	3208360	20.0
Benzo[c]cinnoline	18.686	2.9	ng/ul	468725	4	17.222	3208360	20.0