LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44X2

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-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023794.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	33	36	42	rVB	60224	78247	0.16%	0.012%
2	4.034	157	161	165	rBV	48161	59948	0.12%	0.009%
3	4.252	190	198	206	rBV5	32211	52961	0.11%	0.008%
4	6.175	520	525	534	rBV2	73330	149588	0.30%	0.023%
5	6.999	652	665	679	rBV2	2775956	5837086	11.90%	0.882%
6	7.122	679	686	695	rBV	899941	1376168	2.81%	0.208%
7	7.210	695	701	713	rVV	4077117	6052523	12.34%	0.915%
8	7.328	715	721	723	rVV	1121468	1654229	3.37%	0.250%
9	7.363	723	727	735	rVB	2212374	3410524	6.95%	0.516%
10	7.675	772	780	788	rBV	3852502	6056664	12.35%	0.916%
11	7.787	790	799	801	rVV	1481707	2379949	4.85%	0.360%
12	7.822	801	805	814	rVV	3409326	5124280	10.45%	0.775%
13	8.028	832	840	845	rBV	41046	78714	0.16%	0.012%
14	8.134	850	858	868	rVB	12668752	20158633	41.10%	3.047%
15	8.493	910	919	927	rBV	1386968	2226661	4.54%	0.337%
16	8.587	927	935	950	rVV	7855920	12616966	25.72%	1.907%
17	8.928	986	993	996	rBV	1000435	1688102	3.44%	0.255%
18	8.975	996	1001	1010	rVB	5123101	8024612	16.36%	1.213%
19	9.340	1054	1063	1066	rBV	58558	91469	0.19%	0.014%
20	9.493	1078	1089	1096	rVB4	32551	71044	0.14%	0.011%
21	9.675	1108	1120	1134	rBV2	4828479	9272160	18.90%	1.402%
22	9.975	1163	1171	1181	rBV	4888700	7571435	15.44%	1.145%
23	10.216	1201	1212	1226	rBV2	8611283	15951406	32.52%	2.411%
24	10.422	1243	1247	1253	rVB2	36291	56728	0.12%	0.009%
25	10.563	1261	1271	1278	rBV	2058741	3454521	7.04%	0.522%
26	10.693	1285	1293	1309	rBV	1122147	1867397	3.81%	0.282%
27	10.863	1314	1322	1327	rBV	49161	77784	0.16%	0.012%
28	11.851	1482	1490	1505	rBV	9927125	15311261	31.21%	2.315%
29	12.540	1602	1607	1612	rBV2	42720	74171	0.15%	0.011%
30	12.634	1618	1623	1628	rBV	68527	105012	0.21%	0.016%
31	12.828	1649	1656	1663	rBV	5227534	7237814	14.76%	1.094%
32	12.904	1663	1669	1684	rVV	6795496	10719138	21.85%	1.620%
33	13.316	1735	1739	1745	rVB	73441	109035	0.22%	0.016%
34	13.687	1796	1802	1809	rVB2	126603	192839	0.39%	0.029%
35	13.810	1817	1823	1836	rVB	2900974	3687785	7.52%	0.557%
36	13.975	1842	1851	1856	rBV	6434608	8460433	17.25%	1.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

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-BP012925.MA.M
Title : SVOA CALIBRATION

37	14.092	1862	1871	1882	rVB	3111008	4723342	9.63%	0.714%
38	14.404	1916	1924	1929	rBV	3658785	4895974	9.98%	0.740%
39	14.469	1929	1935	1942	rVV	20101571	31229498	63.67%	4.721%
40	14.534	1942	1946	1952	rVB	335249	403280	0.82%	0.061%
41	14.634	1954	1963	1975	rBV2	4712949	7608362	15.51%	1.150%
42	14.769	1976	1986	1991	rVV	12006958	15318899	31.23%	2.316%
43	14.804	1991	1992	2002	rVB2	107258	180440	0.37%	0.027%
44	15.039	2025	2032	2042	rVB2	132216	221812	0.45%	0.034%
45	15.234	2058	2065	2071	rBV	7070379	9612017	19.60%	1.453%
46	15.275	2071	2072	2076	rVB2	80311	64432	0.13%	0.010%
47	15.404	2088	2094	2099	rBV	4212961	6025403	12.28%	0.911%
48	15.463	2099	2104	2110	rVV	14566536	22092132	45.04%	3.340%
49	15.528	2110	2115	2124	rVB	1026144	1370763	2.79%	0.207%
50	15.716	2142	2147	2152	rVV	242310	307753	0.63%	0.047%
51	15.781	2152	2158	2165	rVB	1321900	1859872	3.79%	0.281%
52	16.151	2215	2221	2228	rBV3	118187	216445	0.44%	0.033%
53	16.369	2248	2258	2265	rVV	7045335	10716210	21.85%	1.620%
54	16.845	2329	2339	2349	rBV	13202902	18867836	38.47%	2.852%
55	16.928	2350	2353	2356	rVV	106458	174342	0.36%	0.026%
56	16.992	2357	2364	2374	rVB4	203257	501864	1.02%	0.076%
57	17.198	2393	2399	2402	rBV	3790979	5729530	11.68%	0.866%
58	17.239	2402	2406	2411	rVV	18507474	24498233	49.94%	3.703%
59	17.298	2411	2416	2419	rVV	4482705	6515880	13.28%	0.985%
60	17.333	2419	2422	2429	rVB	6328607	8184362	16.69%	1.237%
61	17.610	2464	2469	2471	rVV	66064	111329	0.23%	0.017%
62	17.633	2471	2473	2478	rVB	57356	67096	0.14%	0.010%
63	17.839	2502	2508	2515	rBV4	81150	195459	0.40%	0.030%
64	17.904	2515	2519	2528	rVB	508384	611076	1.25%	0.092%
65	18.086	2547	2550	2554	rBV6	41871	58184	0.12%	0.009%
66	18.139	2554	2559	2565	rBV	339137	522685	1.07%	0.079%
67	18.210	2566	2571	2576	rBV2	21095037	28327033	57.75%	4.282%
68	18.445	2606	2611	2618	rBV4	105647	234243	0.48%	0.035%
69	18.510	2618	2622	2632	rVV2	207295	366340	0.75%	0.055%
70	18.604	2633	2638	2642	rVV4	100932	199527	0.41%	0.030%
71	18.657	2642	2647	2654	rVB	575583	814529	1.66%	0.123%
72	18.875	2681	2684	2688	rBV2	67545	82928	0.17%	0.013%
73	19.010	2702	2707	2709	rBV	164343	284036	0.58%	0.043%
74	19.033	2709	2711	2718	rVB	287974	410523	0.84%	0.062%
75	19.127	2724	2727	2730	rVB	173335	169318	0.35%	0.026%
76	19.157	2730	2732	2737	rVB5	48347	55083	0.11%	0.008%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

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-BP012925.MA.M
Title : SVOA CALIBRATION

77	19.263	2746	2750	2754	rBV	312150	429648	0.88%	0.065%
78	19.327	2754	2761	2767	rVB	15405608	21024463	42.86%	3.178%
79	19.469	2783	2785	2788	rBV4	65882	76298	0.16%	0.012%
80	19.574	2798	2803	2808	rBV	615948	856933	1.75%	0.130%
81	19.704	2820	2825	2835	rVB	30398221	49051543	100.00%	7.415%
82	19.798	2838	2841	2846	rBV3	112926	189788	0.39%	0.029%
83	20.239	2913	2916	2919	rBV3	176225	255160	0.52%	0.039%
84	20.416	2941	2946	2950	rVB2	394739	673375	1.37%	0.102%
85	20.663	2982	2988	2993	rBV	14590808	17785953	36.26%	2.689%
86	21.327	3097	3101	3108	rVB	663041	1046524	2.13%	0.158%
87	21.492	3126	3129	3133	rVB	549211	658919	1.34%	0.100%
88	21.580	3138	3144	3148	rVV	19181767	27187164	55.43%	4.110%
89	21.633	3148	3153	3159	rVV2	14523079	27618410	56.30%	4.175%
90	21.698	3159	3164	3171	rVB	8711210	13260146	27.03%	2.005%
91	22.874	3356	3364	3376	rBV	17393091	32962568	67.20%	4.983%
92	23.957	3540	3548	3554	rBV	5103433	11614393	23.68%	1.756%
93	24.039	3554	3562	3573	rVB	8523246	19724372	40.21%	2.982%
94	24.798	3683	3691	3697	rBV	2940285	7249242	14.78%	1.096%
95	24.868	3697	3703	3719	rVB	3684091	9107417	18.57%	1.377%
96	25.039	3724	3732	3743	rVB2	2490542	7004283	14.28%	1.059%
97	28.856	4373	4381	4386	rBV2	970173	3031787	6.18%	0.458%
98	28.992	4389	4404	4425	rVB	7961901	35529016	72.43%	5.371%

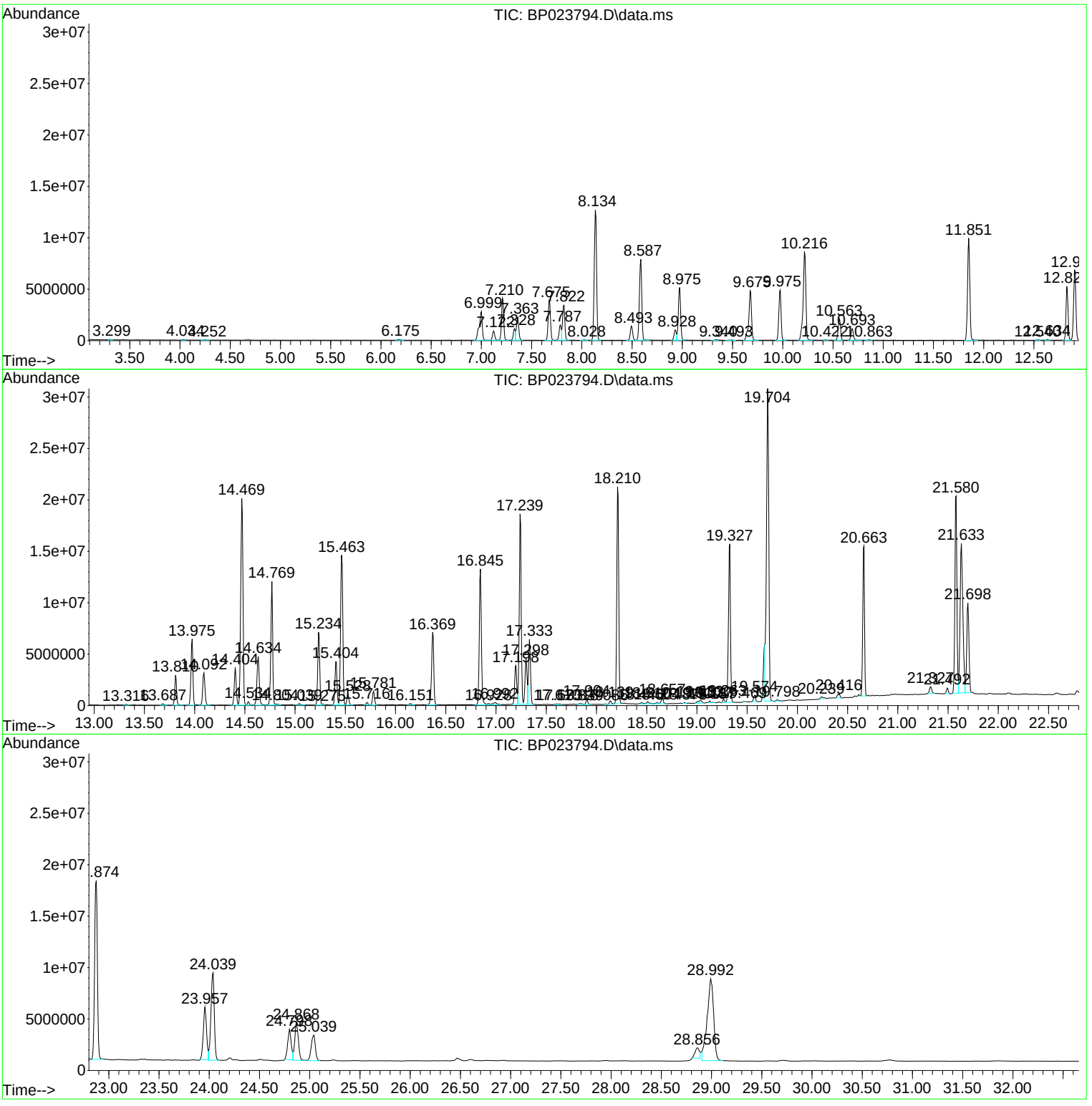
Sum of corrected areas: 661502759

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

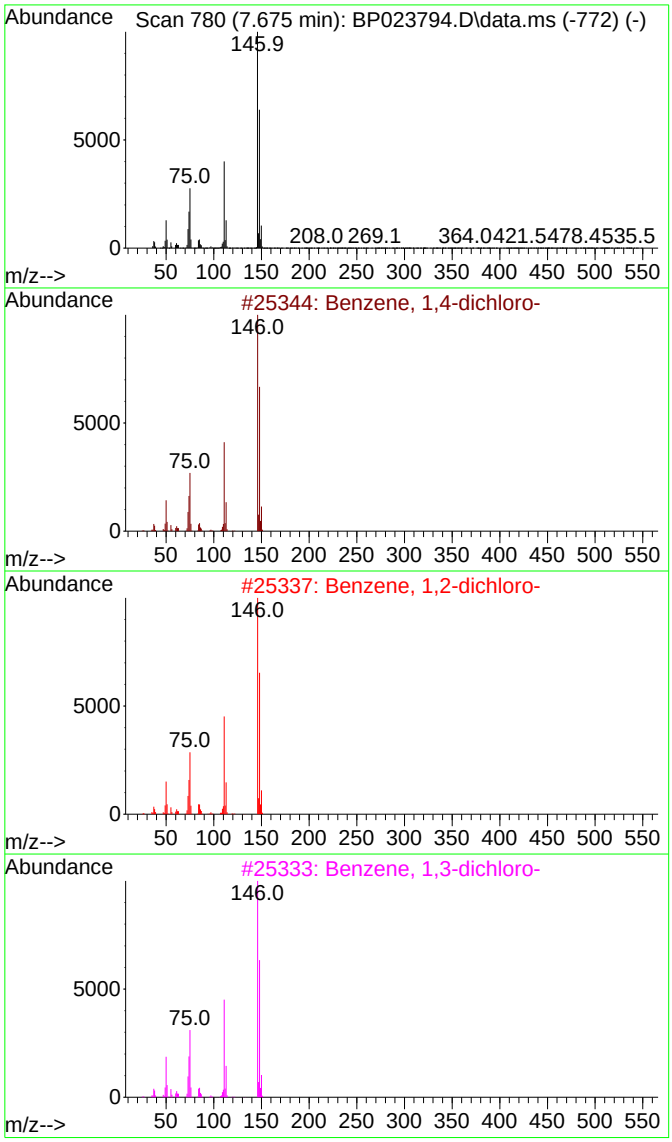
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

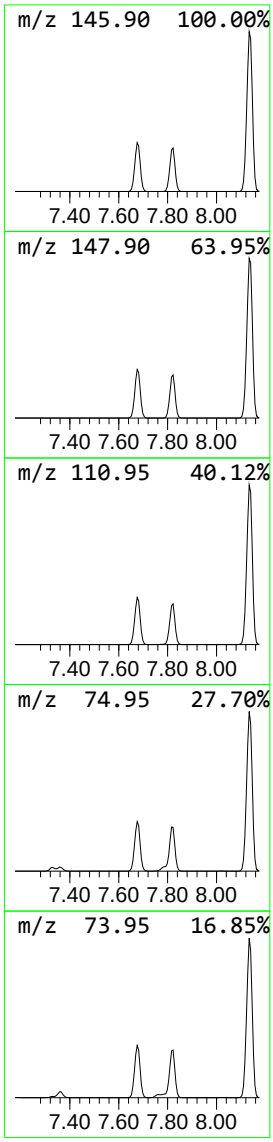
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	50.90 ng/ul	6056660	1,4-Dichlorobenzene-d4	7.787

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	97
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

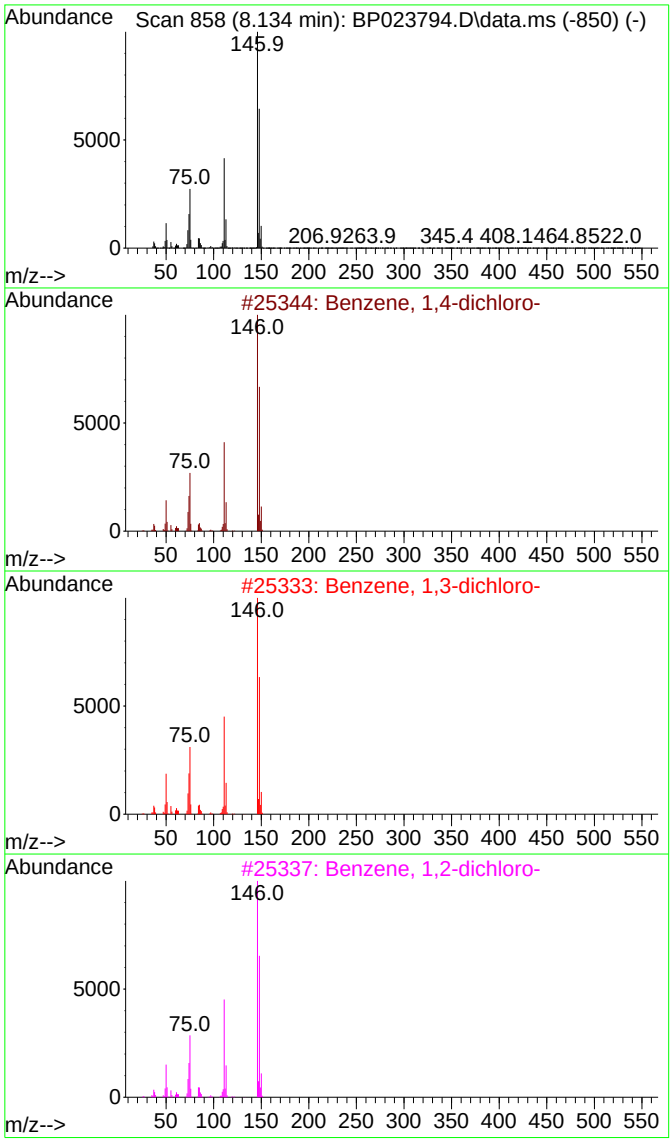
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

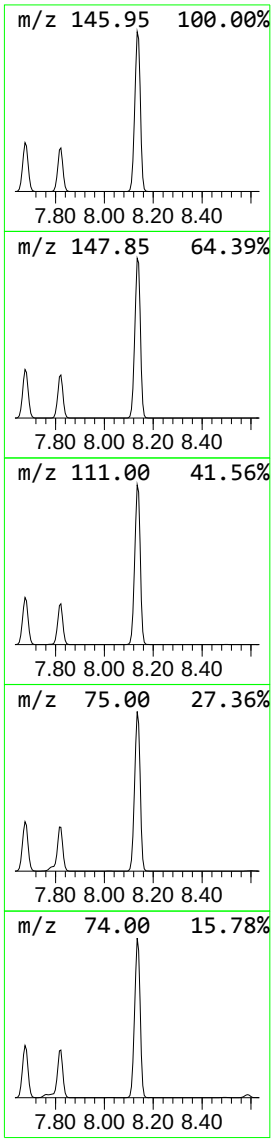
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	169.40 ng/ul	20158600	1,4-Dichlorobenzene-d4	7.787

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

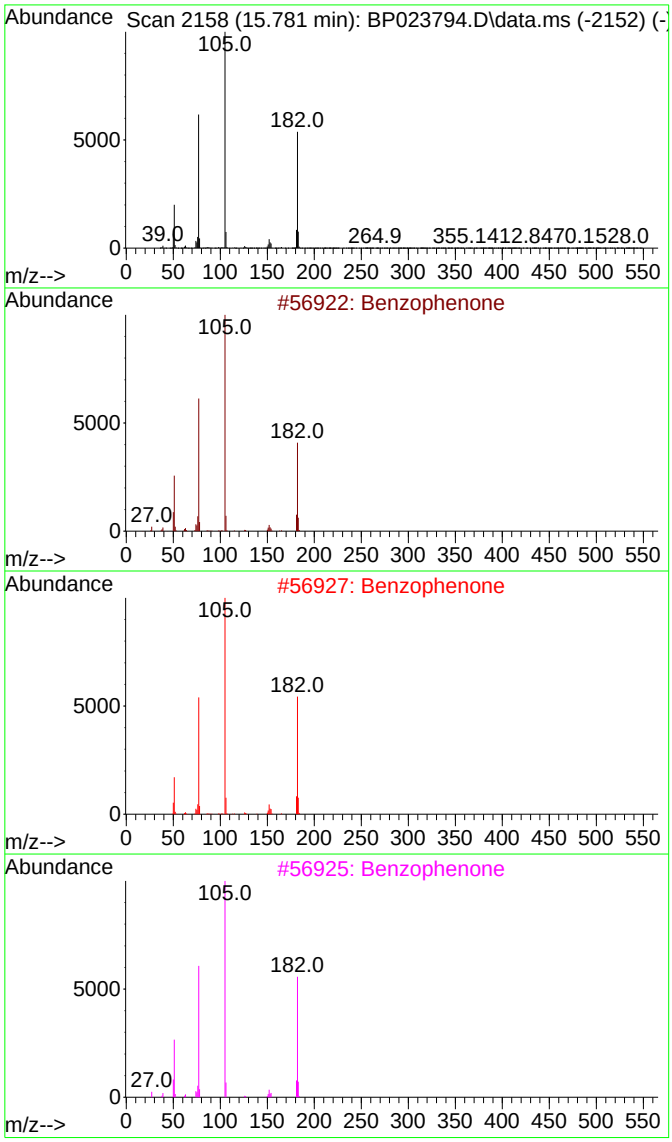
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

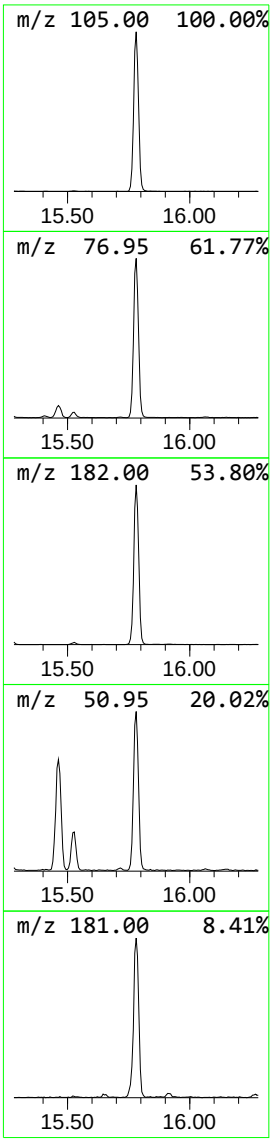
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.781	7.60 ng/ul	1859870	Acenaphthene-d10	14.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

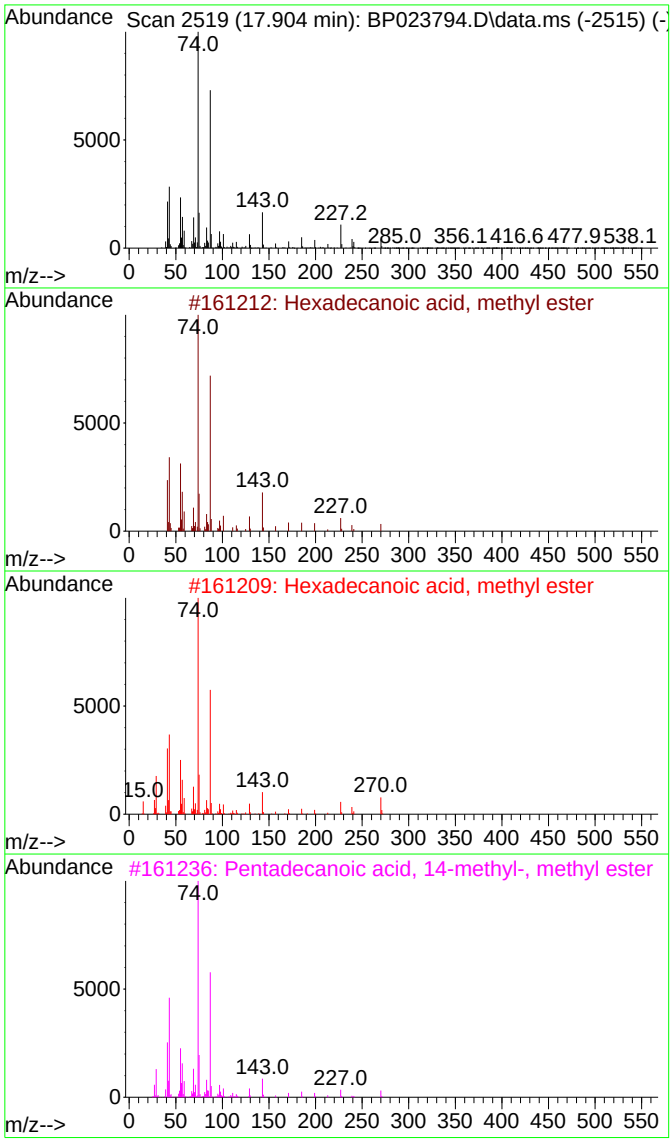
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

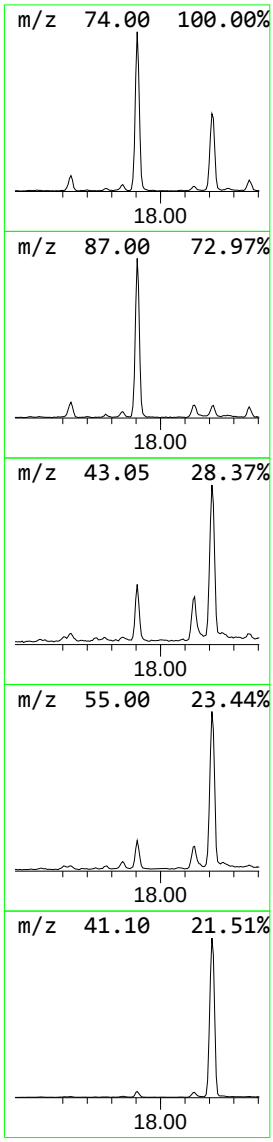
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	2.13 ng/ul	611076	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

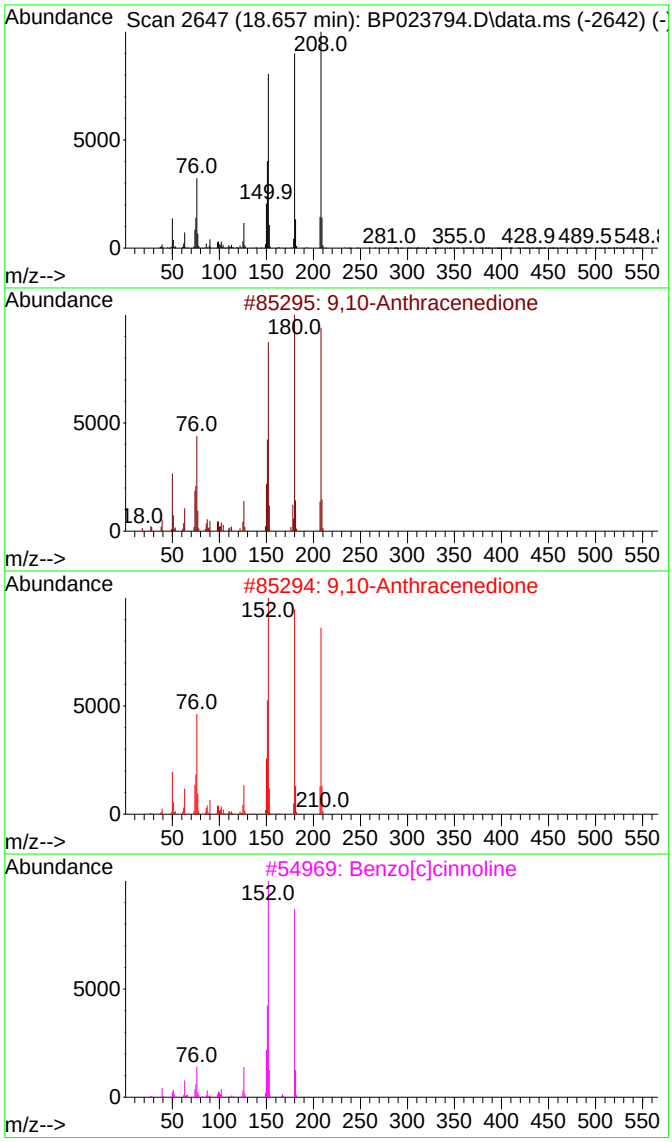
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

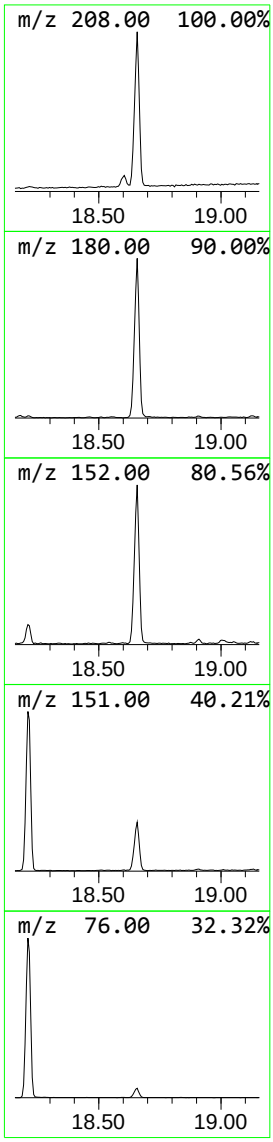
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.84 ng/ul	814529	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

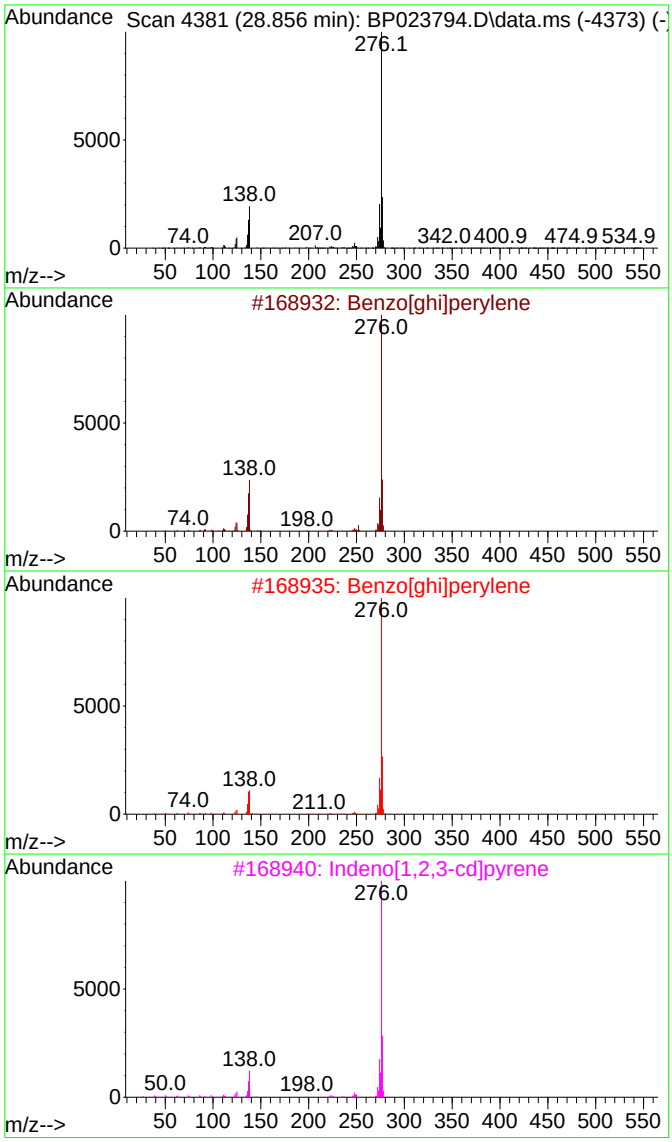
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

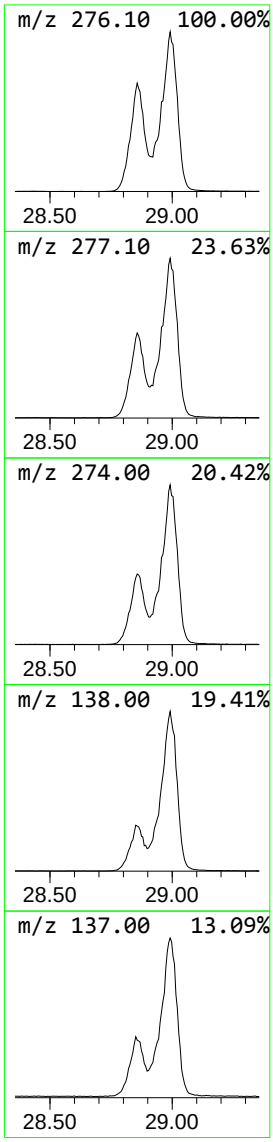
****

Peak Number 6 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.856	8.66 ng/ul	3031790	Perylene-d12	25.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	98
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
Data File : BP023794.D
Acq On : 30 Jan 2025 10:51
Operator : RC/JU
Sample : Q1189-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44X2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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
Benzene, 1,4-di...	7.675	50.9	ng/ul	6056660	1	7.787	2379950	20.0
Benzene, 1,3-di...	8.134	169.4	ng/ul	20158600	1	7.787	2379950	20.0
Benzophenone	15.781	7.6	ng/ul	1859870	3	14.404	4895970	20.0
Hexadecanoic ac...	17.904	2.1	ng/ul	611076	4	17.198	5729530	20.0
9,10-Anthracene...	18.657	2.8	ng/ul	814529	4	17.198	5729530	20.0
Dibenzo[def,mno...	28.856	8.7	ng/ul	3031790	6	25.039	7004280	20.0