LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	37	40	47	rVB	14157	19532	0.12%	0.009%
2	6.916	654	668	679	rBV2	425874	1058291	6.42%	0.486%
3	7.040	683	689	697	rBV	183562	288518	1.75%	0.133%
4	7.134	698	705	717	rVB	1705149	2578679	15.65%	1.185%
5	7.275	717	729	740	rBV2	1085843	2023780	12.28%	0.930%
6	7.740	802	808	820	rVB	2687334	4569028	27.73%	2.100%
7	8.052	853	861	871	rBV	2780850	4554096	27.64%	2.093%
8	8.410	915	922	929	rBV	305904	513202	3.12%	0.236%
9	8.499	929	937	952	rVV	1905062	3086513	18.73%	1.419%
10	8.763	975	982	989	rBV	1720418	2744814	16.66%	1.262%
11	8.840	989	995	998	rVV	234873	393461	2.39%	0.181%
12	8.881	998	1002	1010	rVB	437436	711861	4.32%	0.327%
13	9.252	1058	1065	1071	rBV5	13600	26777	0.16%	0.012%
14	9.410	1080	1092	1100	rBV	2458108	4004744	24.31%	1.841%
15	9.557	1109	1117	1118	rBV	210030	319917	1.94%	0.147%
16	9.587	1118	1122	1131	rVV	450984	792990	4.81%	0.365%
17	9.704	1134	1142	1151	rVB2	91986	156206	0.95%	0.072%
18	9.875	1163	1171	1181	rBV	2022735	3112217	18.89%	1.431%
19	10.116	1201	1212	1224	rBV2	1556697	3148320	19.11%	1.447%
20	10.457	1260	1270	1277	rBV	419904	731081	4.44%	0.336%
21	10.593	1284	1293	1313	rBV	215780	421716	2.56%	0.194%
22	10.787	1315	1326	1334	rBV	2778656	4442100	26.96%	2.042%
23	11.740	1481	1488	1505	rVV	578523	1089312	6.61%	0.501%
24	12.004	1528	1533	1544	rVB3	22000	44335	0.27%	0.020%
25	12.122	1544	1553	1566	rBV	1228170	2097878	12.73%	0.964%
26	12.534	1616	1623	1629	rBV	33932	47831	0.29%	0.022%
27	12.728	1649	1656	1663	rBV	3256010	5201709	31.57%	2.391%
28	12.804	1663	1669	1683	rVB	780620	1207048	7.33%	0.555%
29	13.122	1719	1723	1728	rBV2	15854	21711	0.13%	0.010%
30	13.228	1735	1741	1747	rBV	17188	28516	0.17%	0.013%
31	13.304	1749	1754	1758	rVV2	10667	18092	0.11%	0.008%
32	13.716	1817	1824	1832	rBV	621038	932200	5.66%	0.428%
33	13.887	1846	1853	1862	rBV	3937246	5295345	32.14%	2.434%
34	13.998	1865	1872	1875	rVV	682493	1183127	7.18%	0.544%
35	14.028	1875	1877	1886	rVB	574670	683834	4.15%	0.314%
36	14.310	1918	1925	1930	rBV	751762	1086801	6.60%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	14.375	1930	1936	1943	rVV	3602168	5421912	32.91%	2.492%
38	14.439	1943	1947	1954	rVB	31061	42283	0.26%	0.019%
39	14.545	1956	1965	1975	rBV2	1351665	2305850	14.00%	1.060%
40	14.634	1975	1980	1983	rVV	62394	104817	0.64%	0.048%
41	14.687	1983	1989	1995	rVV	2482534	3823852	23.21%	1.758%
42	14.739	1995	1998	2005	rVB2	23037	35038	0.21%	0.016%
43	14.951	2029	2034	2047	rVB	57571	89343	0.54%	0.041%
44	15.187	2069	2074	2079	rBV4	18084	26686	0.16%	0.012%
45	15.316	2090	2096	2100	rBV	1051646	1474022	8.95%	0.678%
46	15.375	2100	2106	2113	rVV2	7241832	11180756	67.87%	5.139%
47	15.445	2113	2118	2126	rVB	249308	370051	2.25%	0.170%
48	15.628	2144	2149	2153	rBV	94113	120197	0.73%	0.055%
49	15.686	2153	2159	2166	rVB	540224	724403	4.40%	0.333%
50	15.881	2184	2192	2197	rBV9	8135	21283	0.13%	0.010%
51	15.975	2204	2208	2216	rVV4	18841	23580	0.14%	0.011%
52	16.051	2216	2221	2230	rVB3	43460	71364	0.43%	0.033%
53	16.281	2251	2260	2267	rBV2	1411373	1835075	11.14%	0.843%
54	16.398	2273	2280	2286	rBV	8311720	11000160	66.77%	5.056%
55	16.757	2330	2341	2351	rBV	5548087	8147755	49.46%	3.745%
56	16.910	2362	2367	2376	rVB6	35936	71926	0.44%	0.033%
57	17.098	2394	2399	2403	rBV	975030	1453854	8.82%	0.668%
58	17.145	2403	2407	2413	rVV	1705981	2791137	16.94%	1.283%
59	17.210	2413	2418	2421	rVV2	1030769	1702149	10.33%	0.782%
60	17.251	2421	2425	2437	rVB	1861152	2764265	16.78%	1.271%
61	17.392	2445	2449	2457	rVB6	13619	31859	0.19%	0.015%
62	17.528	2467	2472	2480	rVB6	20138	45307	0.28%	0.021%
63	17.739	2504	2508	2516	rBV3	52432	86332	0.52%	0.040%
64	17.810	2516	2520	2527	rVB2	62769	90117	0.55%	0.041%
65	18.004	2546	2553	2555	rBV7	13647	27412	0.17%	0.013%
66	18.045	2555	2560	2565	rBV	439252	571444	3.47%	0.263%
67	18.116	2565	2572	2577	rVB	5150347	7431613	45.11%	3.416%
68	18.357	2608	2613	2620	rBV5	35761	67960	0.41%	0.031%
69	18.422	2620	2624	2629	rBV3	39887	68408	0.42%	0.031%
70	18.504	2635	2638	2644	rVV3	27847	41821	0.25%	0.019%
71	18.569	2644	2649	2657	rVB	169032	260941	1.58%	0.120%
72	18.780	2682	2685	2689	rVV4	22287	29099	0.18%	0.013%
73	18.822	2689	2692	2696	rVB	20537	24204	0.15%	0.011%
74	18.910	2701	2707	2710	rVV2	57282	115655	0.70%	0.053%
75	18.945	2710	2713	2720	rVB	106614	143827	0.87%	0.066%
76	19.033	2725	2728	2730	rVB3	20019	20437	0.12%	0.009%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	19.139	2743	2746	2749	rBV5	17850	25193	0.15%	0.012%
78	19.186	2749	2754	2756	rBV4	20184	35181	0.21%	0.016%
79	19.245	2756	2764	2769	rBV	9184924	11688940	70.95%	5.373%
80	19.369	2781	2785	2794	rBV	202401	301801	1.83%	0.139%
81	19.504	2804	2808	2816	rVB	65032	97311	0.59%	0.045%
82	19.592	2817	2823	2824	rBV	1632045	2289429	13.90%	1.052%
83	19.616	2824	2827	2832	rVB	4039947	4968970	30.16%	2.284%
84	19.704	2840	2842	2846	rBV4	26992	30990	0.19%	0.014%
85	19.745	2846	2849	2853	rVB2	41819	53243	0.32%	0.024%
86	20.139	2912	2916	2919	rBV2	69615	106399	0.65%	0.049%
87	20.322	2943	2947	2952	rBV2	147923	202020	1.23%	0.093%
88	20.569	2984	2989	2993	rBV	1703403	2057504	12.49%	0.946%
89	21.216	3095	3099	3108	rVB	297749	505014	3.07%	0.232%
90	21.380	3124	3127	3131	rVB	112619	118675	0.72%	0.055%
91	21.463	3135	3141	3146	rVV	6805200	9304298	56.48%	4.277%
92	21.533	3146	3153	3160	rVV	6536483	12575174	76.33%	5.780%
93	21.610	3160	3166	3174	rVB	10091490	16474907	100.00%	7.573%
94	23.815	3529	3541	3550	rVB	6719010	16108163	97.77%	7.404%
95	24.615	3669	3677	3683	rBV	836631	2340113	14.20%	1.076%
96	24.686	3683	3689	3699	rVB	1374377	3424152	20.78%	1.574%
97	24.827	3706	3713	3724	rVB	715098	1938847	11.77%	0.891%
98	28.568	4340	4349	4350	rBV	421364	932527	5.66%	0.429%
99	28.651	4353	4363	4378	rVB	2164345	7880795	47.84%	3.622%
100	29.703	4534	4542	4543	rBV	443521	801904	4.87%	0.369%

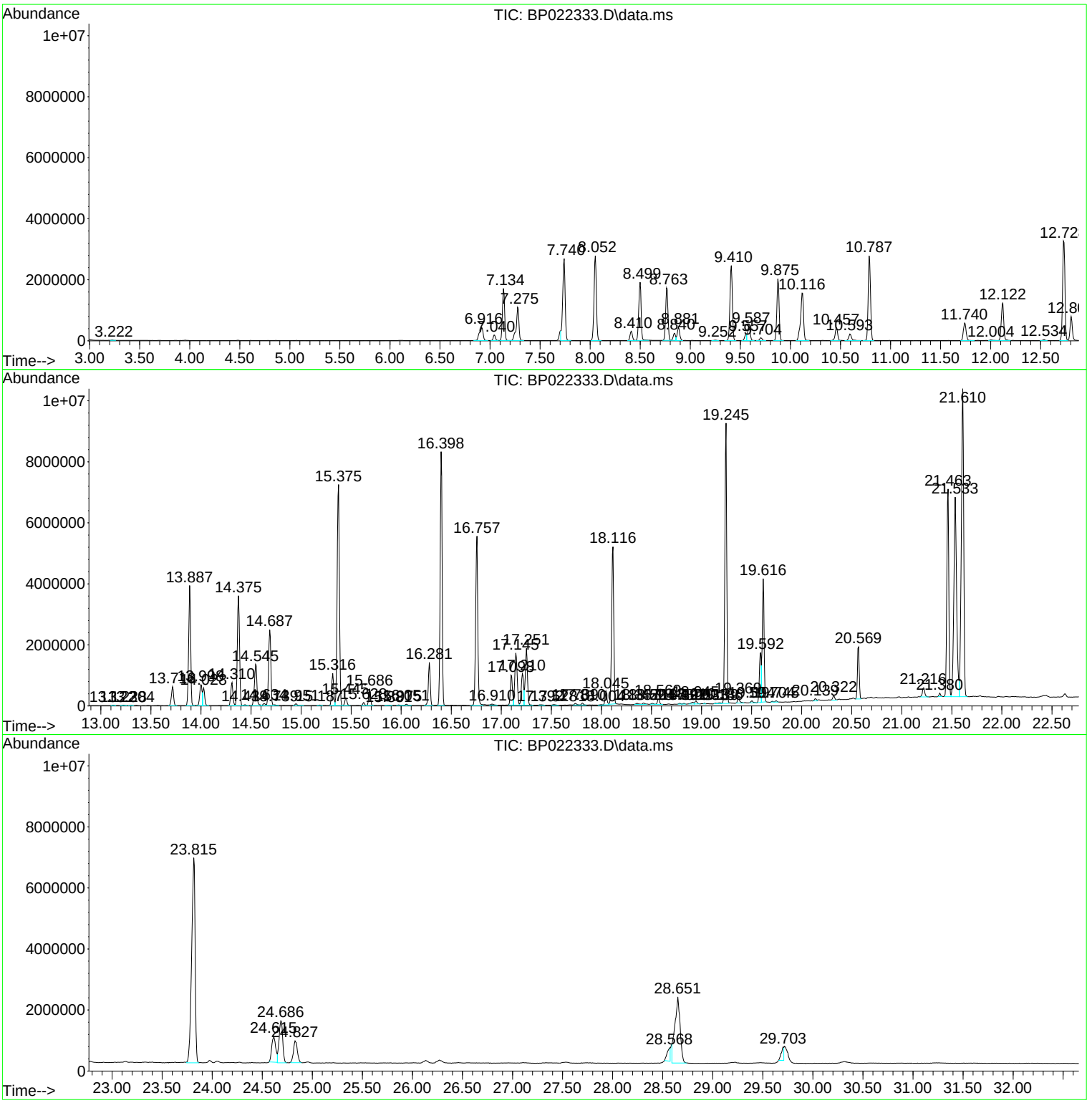
Sum of corrected areas: 217555326

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

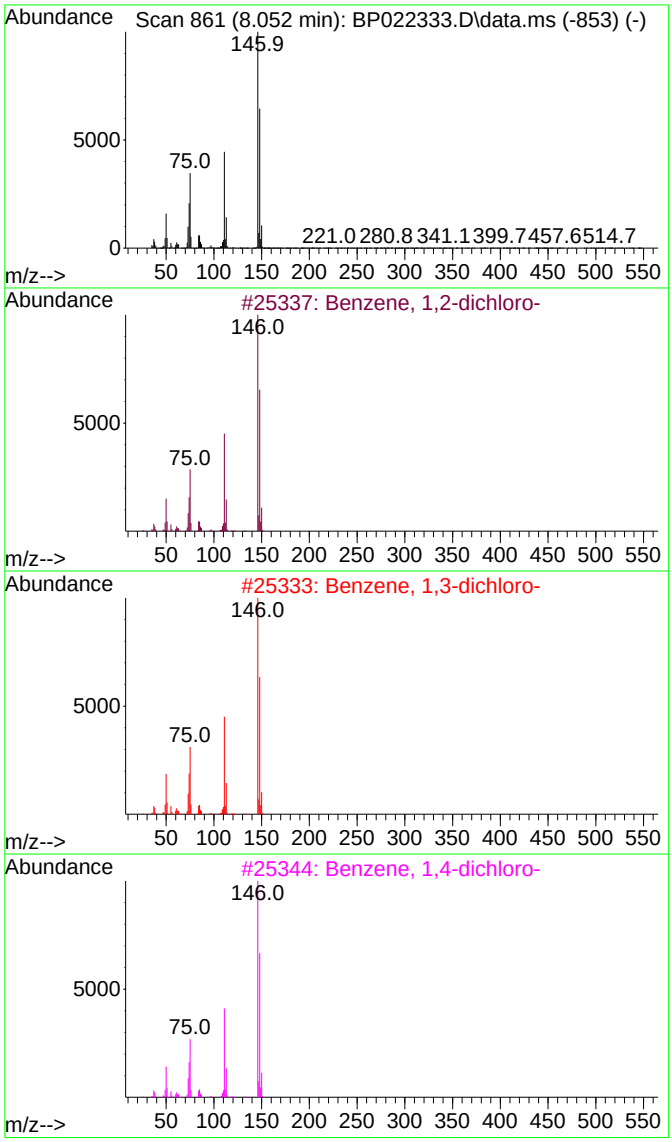
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

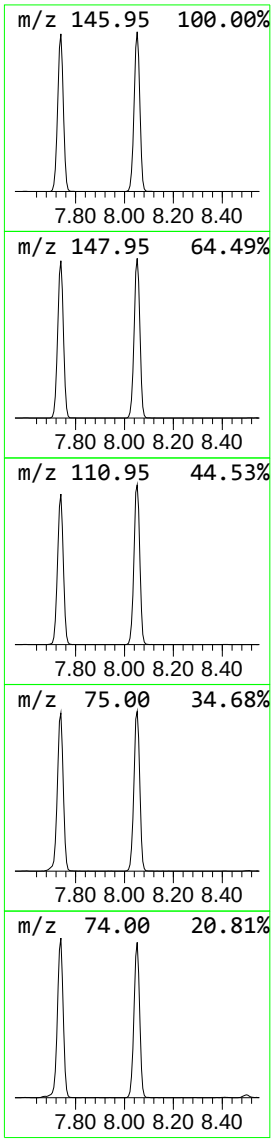
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.052	19.93 ng/ul	4554100	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
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\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

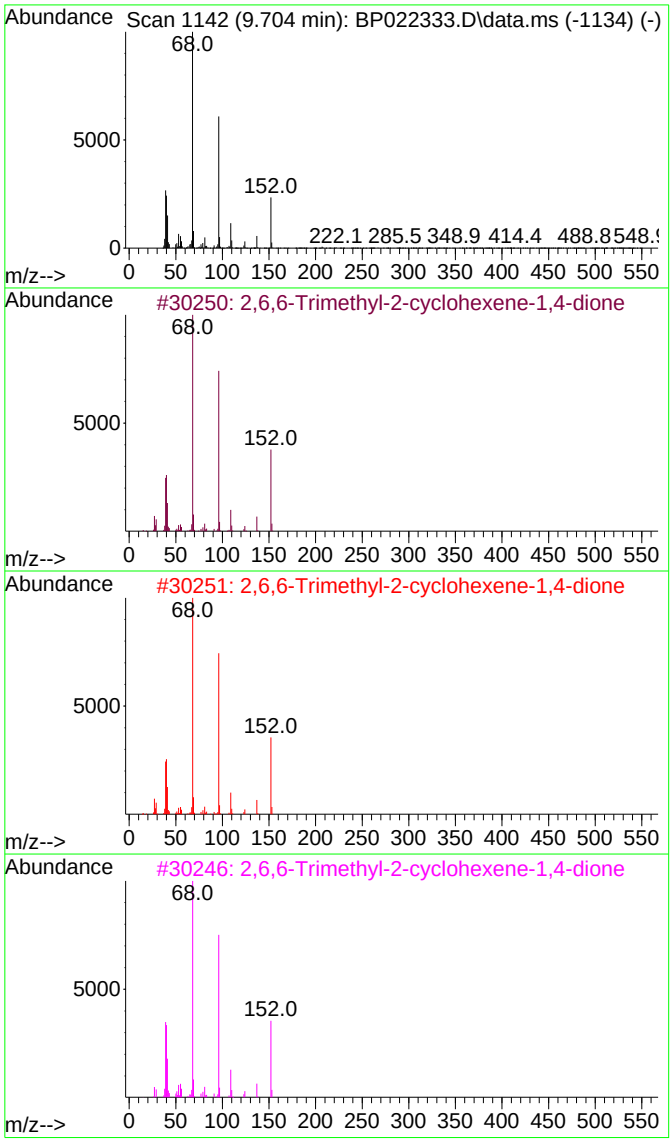
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

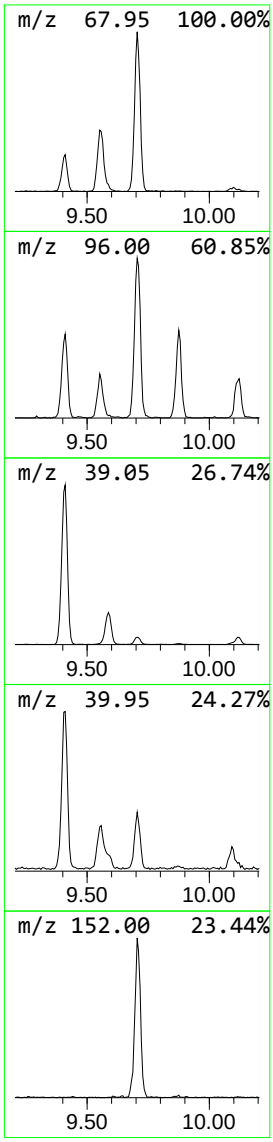
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,6,6-Trimethyl-2-cyclohexe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	4.27 ng/ul	156206	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	95
2	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	94
3	2,6,6-Trimethyl-2-cyclohexene-1,...	152	C9H12O2	001125-21-9	93
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	53
5	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

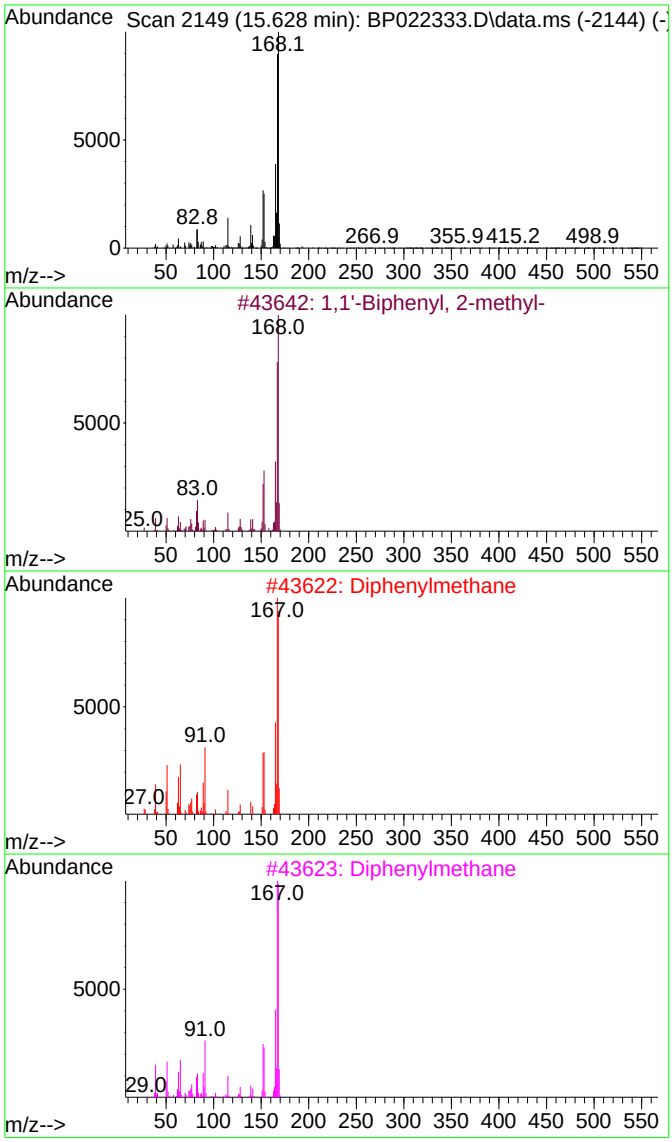
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

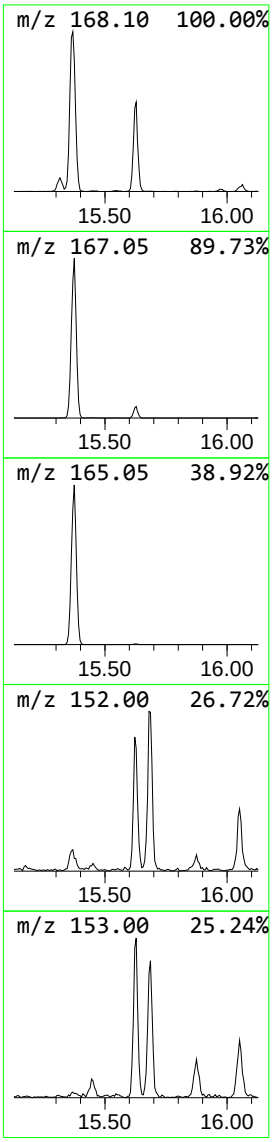
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.628	2.21 ng/ul	120197	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	94
2	Diphenylmethane	168	C13H12	000101-81-5	91
3	Diphenylmethane	168	C13H12	000101-81-5	90
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	90
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

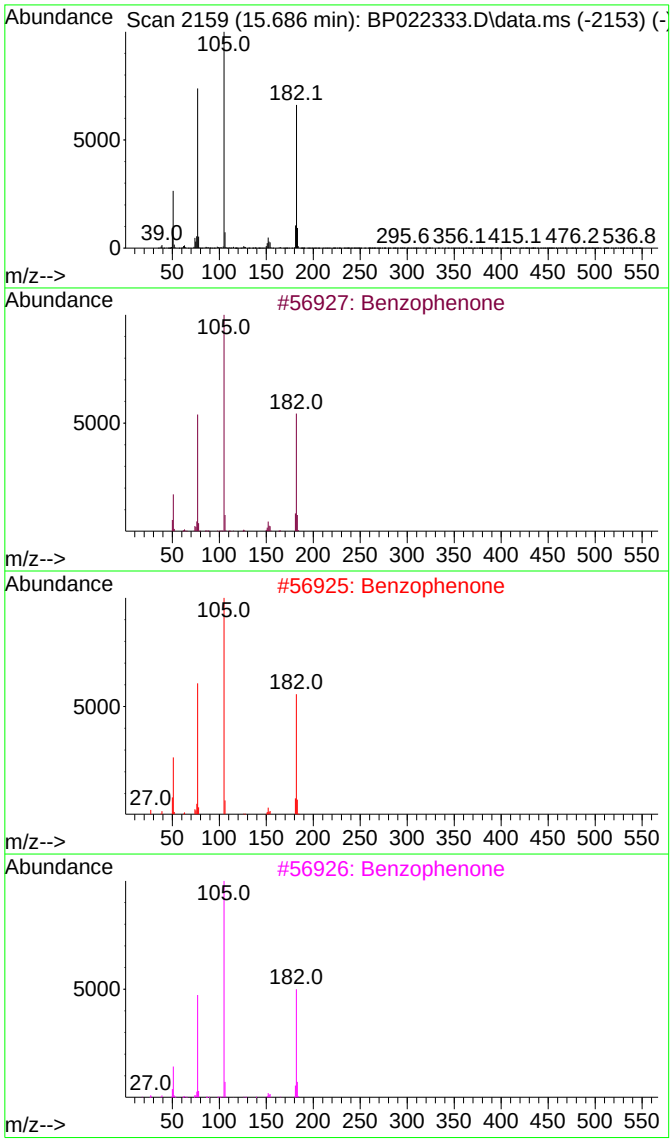
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

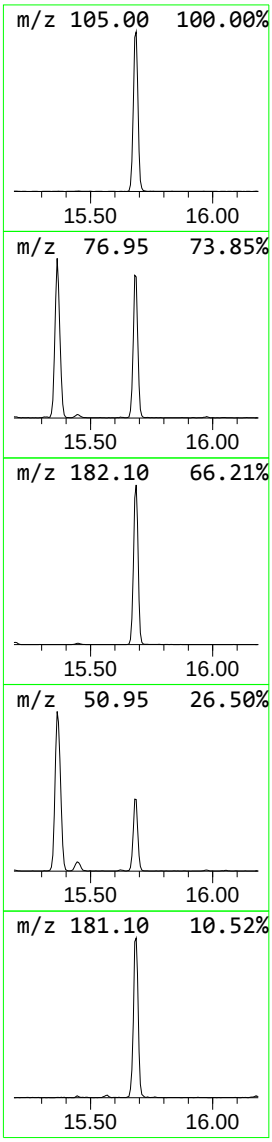
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.687	13.33 ng/ul	724403	Acenaphthene-d10	14.310

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	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

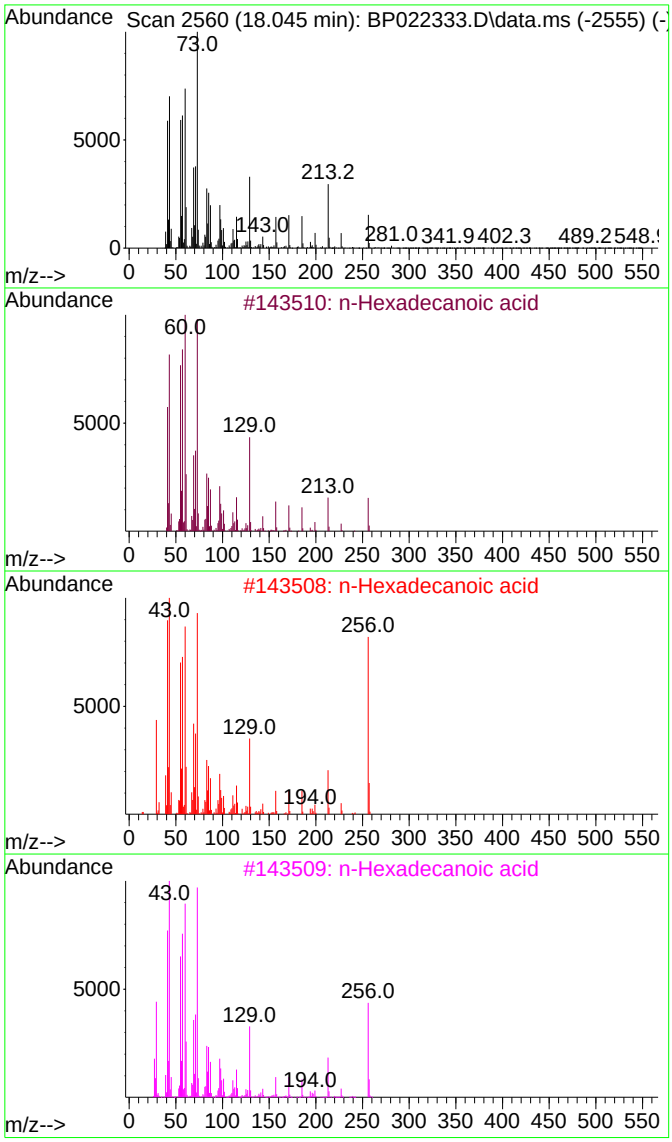
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

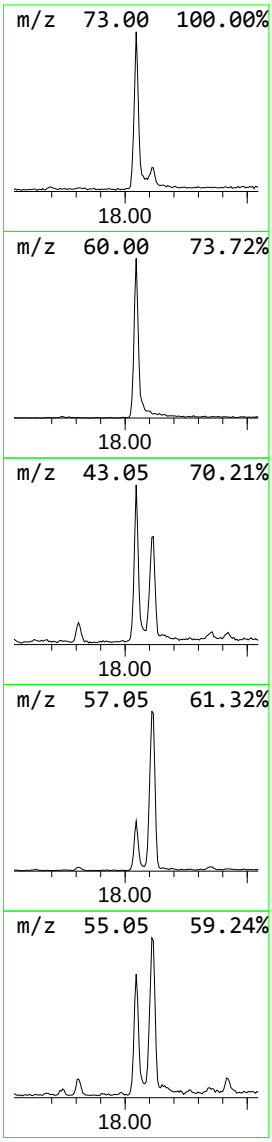
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	7.86 ng/ul	571444	Phenanthrene-d10	17.098

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	97
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

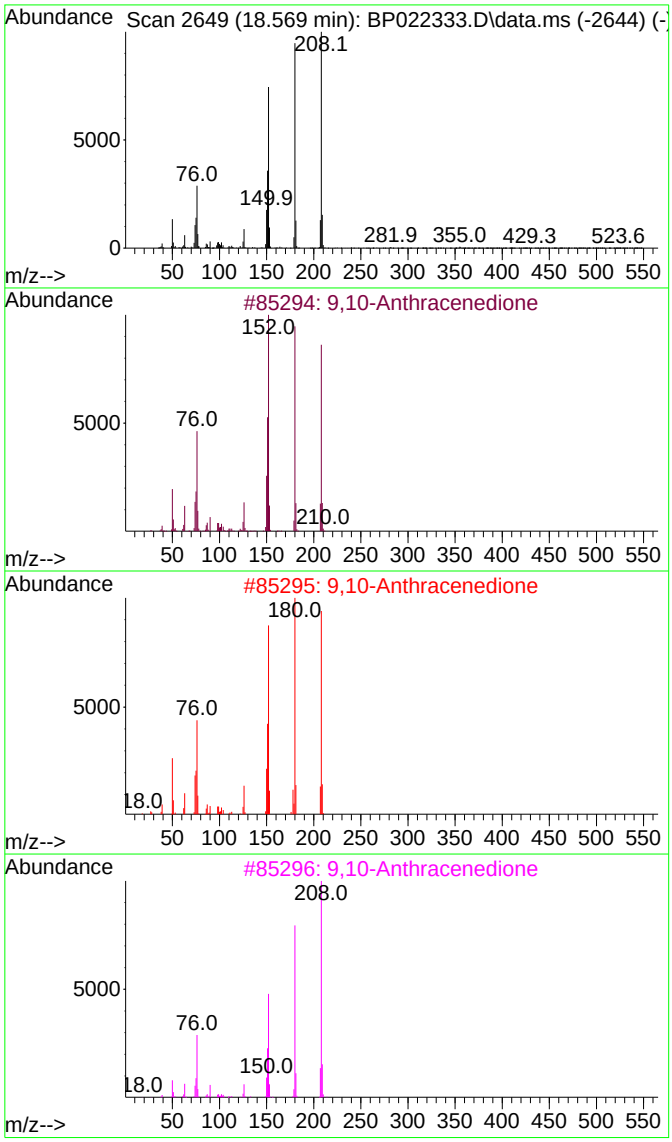
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

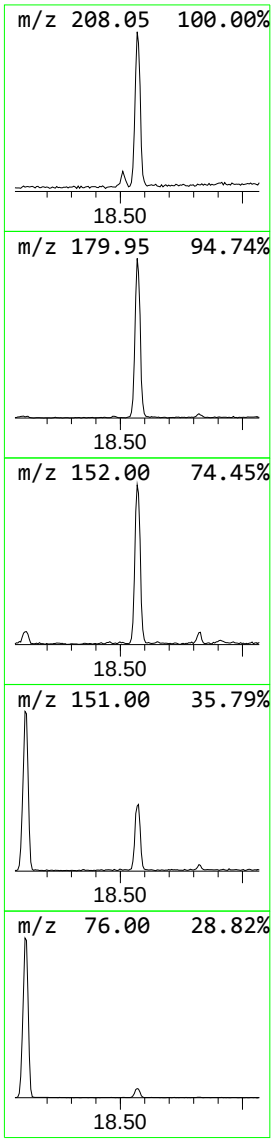
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	3.59 ng/ul	260941	Phenanthrene-d10	17.098

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	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

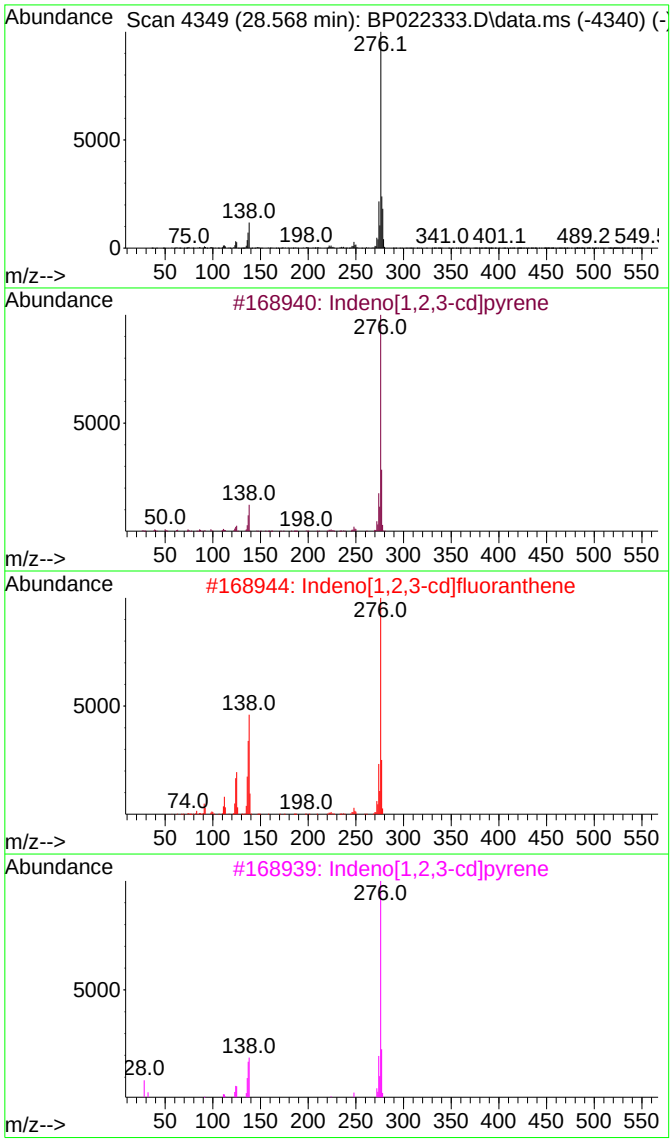
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

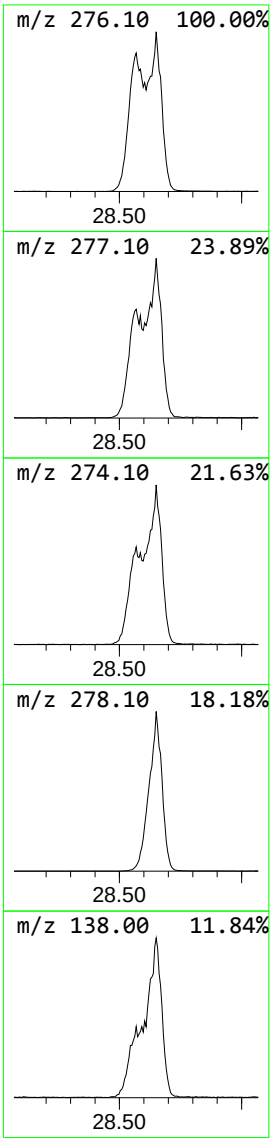
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indeno[1,2,3-cd]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.568	9.62 ng/ul	932527	Perylene-d12	24.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	98
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022333.D
Acq On : 11 Oct 2024 13:52
Operator : RC/JU
Sample : P4239-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4E73

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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, 1,2-di...	8.052	19.9	ng/ul	4554100	1	7.699	4569030	20.0
2,6,6-Trimethyl...	9.704	4.3	ng/ul	156206	2	10.457	731081	20.0
1,1'-Biphenyl, ...	15.628	2.2	ng/ul	120197	3	14.310	1086800	20.0
Benzophenone	15.687	13.3	ng/ul	724403	3	14.310	1086800	20.0
n-Hexadecanoic ...	18.045	7.9	ng/ul	571444	4	17.098	1453850	20.0
9,10-Anthracene...	18.569	3.6	ng/ul	260941	4	17.098	1453850	20.0
Indeno[1,2,3-cd...	28.568	9.6	ng/ul	932527	6	24.827	1938850	20.0