LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

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-BP081622.M
Title : SVOA CALIBRATION

Signal : TIC: BP011556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.499	85	87	96	rBV2	12682	23854	1.47%	0.211%
2	3.775	131	134	142	rVB	6233	8968	0.55%	0.079%
3	4.940	327	332	337	rBV4	4769	7576	0.47%	0.067%
4	6.740	633	638	649	rVB3	8987	19158	1.18%	0.170%
5	6.899	657	665	675	rBV	41860	70354	4.33%	0.623%
6	7.087	689	697	704	rBV	38605	64022	3.94%	0.567%
7	7.546	769	775	787	rBV	248649	399463	24.57%	3.538%
8	8.275	893	899	910	rVB2	27455	49166	3.02%	0.435%
9	8.716	968	974	982	rVV	52009	88052	5.42%	0.780%
10	9.004	1016	1023	1031	rBV10	3681	9104	0.56%	0.081%
11	9.434	1089	1096	1106	rBV	34666	63194	3.89%	0.560%
12	9.751	1144	1150	1160	rBV10	5932	15000	0.92%	0.133%
13	9.834	1160	1164	1169	rVV6	4034	8014	0.49%	0.071%
14	9.969	1180	1187	1195	rBV	54612	101409	6.24%	0.898%
15	10.334	1242	1249	1256	rBV	332495	552709	33.99%	4.896%
16	10.499	1268	1277	1289	rBV	36533	86280	5.31%	0.764%
17	10.940	1342	1352	1362	rBV	19232	34528	2.12%	0.306%
18	11.387	1421	1428	1432	rBV3	6626	12638	0.78%	0.112%
19	11.451	1433	1439	1444	rBV3	16513	29288	1.80%	0.259%
20	11.675	1470	1477	1481	rBV9	3984	10475	0.64%	0.093%
21	11.775	1489	1494	1497	rVB3	5606	8388	0.52%	0.074%
22	11.904	1508	1516	1524	rBV5	16520	32816	2.02%	0.291%
23	12.081	1542	1546	1550	rVV6	5376	8245	0.51%	0.073%
24	12.198	1560	1566	1585	rVB8	19884	57808	3.56%	0.512%
25	12.387	1588	1598	1601	rBV8	11794	25131	1.55%	0.223%
26	12.422	1601	1604	1607	rVV5	6040	9743	0.60%	0.086%
27	12.457	1607	1610	1617	rVB5	6182	10976	0.68%	0.097%
28	12.557	1623	1627	1630	rBV4	5524	8433	0.52%	0.075%
29	12.634	1636	1640	1648	rBV5	7572	13109	0.81%	0.116%
30	12.734	1652	1657	1661	rVV5	10474	17854	1.10%	0.158%
31	13.010	1697	1704	1708	rBV6	7483	16876	1.04%	0.149%
32	13.228	1735	1741	1744	rVV7	6006	10536	0.65%	0.093%
33	13.275	1744	1749	1758	rVB2	43866	72556	4.46%	0.643%
34	13.375	1758	1766	1768	rBV7	10102	21331	1.31%	0.189%
35	13.416	1770	1773	1779	rVB2	14011	20175	1.24%	0.179%
36	13.557	1789	1797	1803	rVV10	8519	26436	1.63%	0.234%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
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Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

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-BP081622.M
Title : SVOA CALIBRATION

37	13.645	1805	1812	1818	rVB	136058	204962	12.61%	1.815%
38	13.775	1830	1834	1837	rBV2	23511	35504	2.18%	0.314%
39	13.810	1837	1840	1845	rVB	18035	24585	1.51%	0.218%
40	13.910	1851	1857	1861	rBV	131310	204470	12.58%	1.811%
41	14.034	1875	1878	1888	rVB9	11476	20508	1.26%	0.182%
42	14.222	1904	1910	1916	rBV	486797	688849	42.37%	6.102%
43	14.287	1916	1921	1929	rVB	1141448	1625911	100.00%	14.402%
44	14.369	1930	1935	1939	rVB4	9143	16063	0.99%	0.142%
45	14.434	1941	1946	1950	rBV7	4602	9420	0.58%	0.083%
46	14.539	1958	1964	1968	rBV2	26096	37239	2.29%	0.330%
47	14.628	1975	1979	1985	rVB5	10892	16129	0.99%	0.143%
48	14.710	1987	1993	1999	rVB10	5708	11294	0.69%	0.100%
49	14.851	2010	2017	2023	rBV6	14160	30651	1.89%	0.271%
50	15.116	2057	2062	2069	rVB2	18908	32324	1.99%	0.286%
51	15.228	2076	2081	2085	rBV	192915	266975	16.42%	2.365%
52	15.281	2085	2090	2099	rVB	388731	532482	32.75%	4.717%
53	15.369	2099	2105	2109	rBV2	48727	82298	5.06%	0.729%
54	15.410	2109	2112	2115	rVV2	21496	25629	1.58%	0.227%
55	15.498	2123	2127	2130	rBV4	17822	24581	1.51%	0.218%
56	15.534	2130	2133	2138	rVB4	10400	14561	0.90%	0.129%
57	15.581	2138	2141	2143	rBV4	6324	7471	0.46%	0.066%
58	15.610	2143	2146	2152	rVB5	12903	18585	1.14%	0.165%
59	15.686	2152	2159	2161	rBV6	10499	18991	1.17%	0.168%
60	15.728	2162	2166	2175	rVB3	48781	99295	6.11%	0.880%
61	15.816	2177	2181	2186	rVB3	8003	13920	0.86%	0.123%
62	15.969	2202	2207	2218	rVB2	54300	94678	5.82%	0.839%
63	16.081	2222	2226	2233	rBV	25806	40456	2.49%	0.358%
64	16.169	2236	2241	2247	rBV4	23635	38831	2.39%	0.344%
65	16.251	2252	2255	2257	rBV4	7059	9327	0.57%	0.083%
66	16.298	2261	2263	2267	rVB3	16098	17738	1.09%	0.157%
67	16.345	2267	2271	2275	rBV4	7224	9838	0.61%	0.087%
68	16.445	2285	2288	2292	rVB	10777	13126	0.81%	0.116%
69	16.645	2316	2322	2329	rVB	13404	28469	1.75%	0.252%
70	16.728	2332	2336	2341	rBV6	8168	15673	0.96%	0.139%
71	16.781	2341	2345	2347	rBV2	21128	26637	1.64%	0.236%
72	16.816	2347	2351	2357	rVB2	37918	59750	3.67%	0.529%
73	16.922	2364	2369	2374	rBV4	11102	17972	1.11%	0.159%
74	16.992	2374	2381	2387	rVV	584171	836233	51.43%	7.407%
75	17.039	2387	2389	2393	rVB	21682	22843	1.40%	0.202%
76	17.092	2393	2398	2402	rBV2	210729	318216	19.57%	2.819%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB7DL

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-BP081622.M
Title : SVOA CALIBRATION

77	17.128	2402	2404	2411	rVB	48264	61186	3.76%	0.542%
78	17.192	2412	2415	2422	rVB5	10885	22089	1.36%	0.196%
79	17.386	2443	2448	2455	rVV3	26796	47818	2.94%	0.424%
80	17.522	2469	2471	2475	rVB5	6339	8070	0.50%	0.071%
81	17.645	2488	2492	2493	rBV3	11324	15385	0.95%	0.136%
82	17.769	2509	2513	2519	rVB7	9046	18625	1.15%	0.165%
83	17.851	2522	2527	2530	rBV	32218	45323	2.79%	0.401%
84	17.928	2535	2540	2545	rVV2	39964	61952	3.81%	0.549%
85	18.004	2549	2553	2559	rVB3	47939	65027	4.00%	0.576%
86	18.069	2559	2564	2570	rBV	73055	107855	6.63%	0.955%
87	18.163	2576	2580	2588	rBV4	20000	46102	2.84%	0.408%
88	18.316	2602	2606	2611	rVB3	19484	31108	1.91%	0.276%
89	18.369	2612	2615	2619	rBV	19090	23214	1.43%	0.206%
90	18.410	2620	2622	2626	rBV3	8347	10665	0.66%	0.094%
91	18.775	2680	2684	2691	rVB10	13179	24405	1.50%	0.216%
92	19.033	2724	2728	2732	rVB	155017	193994	11.93%	1.718%
93	19.357	2778	2783	2786	rBV	297326	384620	23.66%	3.407%
94	19.386	2786	2788	2792	rVB	75918	80705	4.96%	0.715%
95	19.769	2849	2853	2859	rBV	47621	65984	4.06%	0.584%
96	19.833	2860	2864	2870	rBV	63590	90950	5.59%	0.806%
97	20.469	2968	2972	2979	rBV2	49023	73055	4.49%	0.647%
98	21.127	3079	3084	3092	rBV	750434	955856	58.79%	8.467%
99	23.263	3443	3447	3454	rVB2	188656	320222	19.69%	2.836%
100	23.415	3467	3473	3482	rVB2	474114	909304	55.93%	8.054%

Sum of corrected areas: 11289663

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
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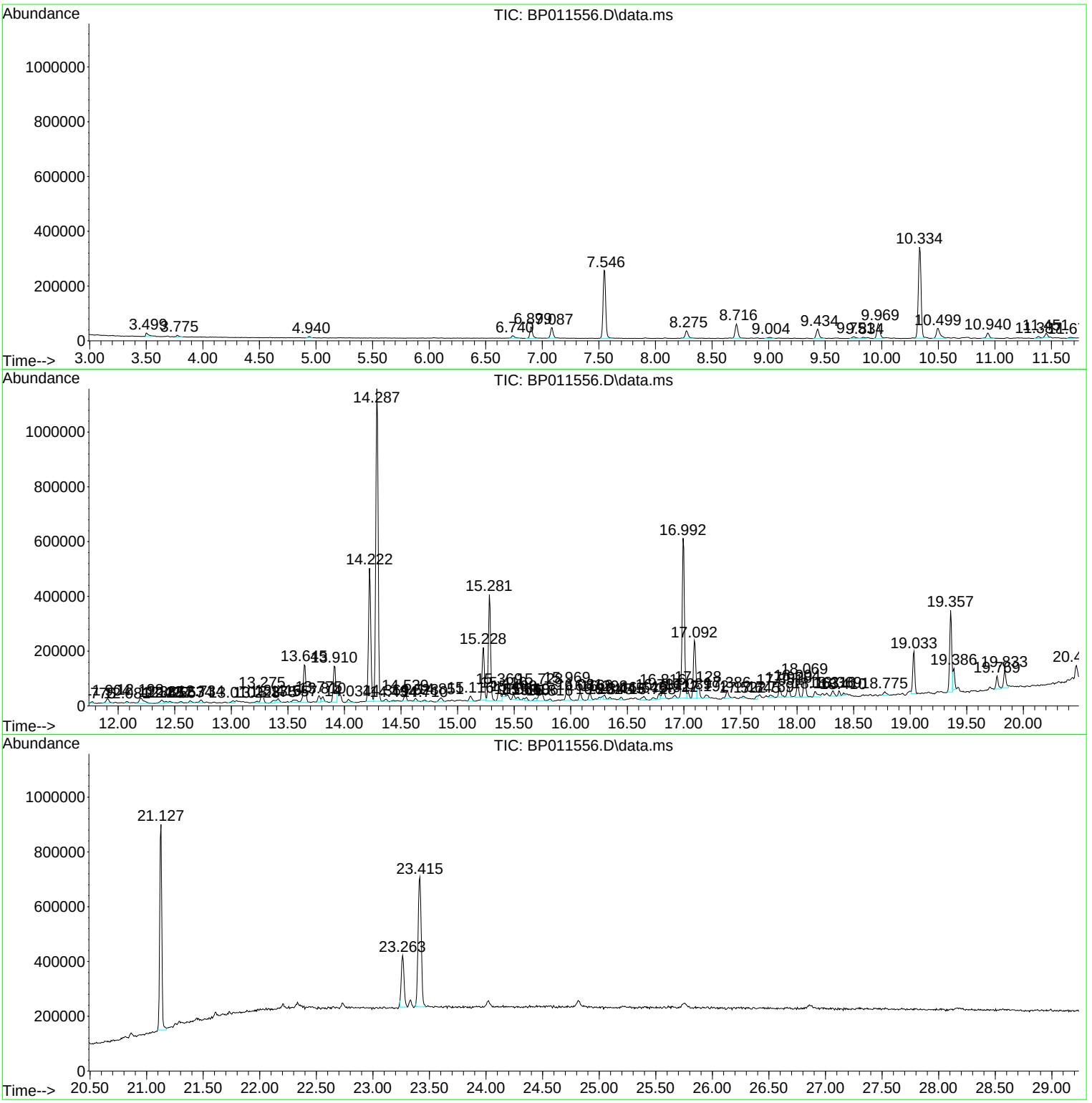
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
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Sample : N4268-01DL 5X
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AB7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

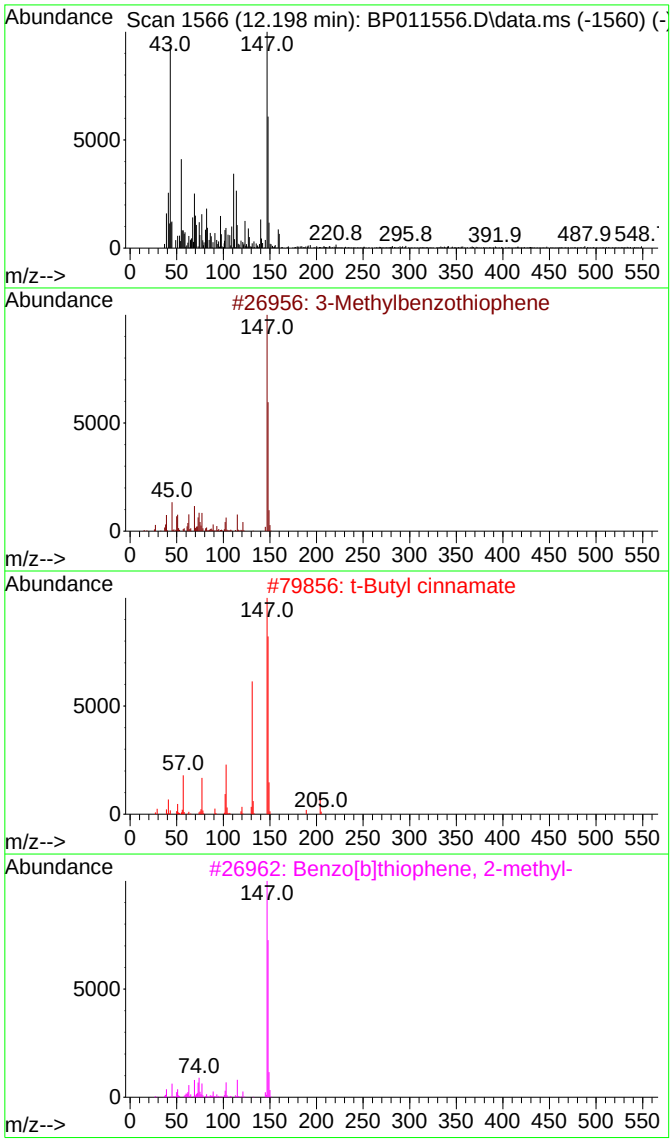
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

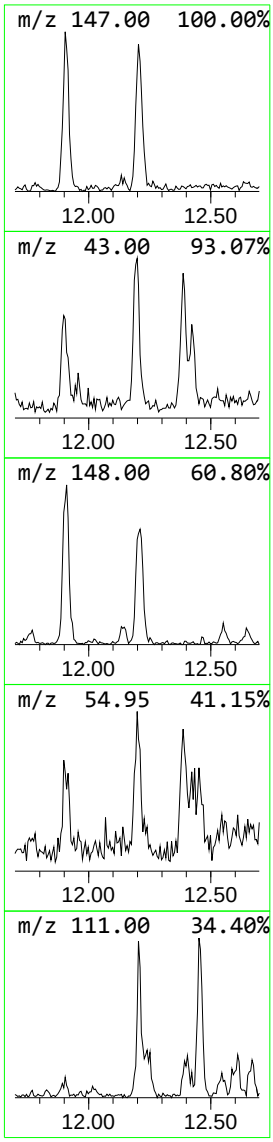
****

Peak Number 1 3-Methylbenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.09 ng/ul	57808	Naphthalene-d8	10.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	52
2	t-Butyl cinnamate	204	C13H16O2	007042-36-6	50
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	50
4	Pyrazine, 2,5-dimethyl-3-(2-prop...	148	C9H12N2	055138-69-7	50
5	2-Isopropenyl-3,6-dimethylpyrazine	148	C9H12N2	1000109-60-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

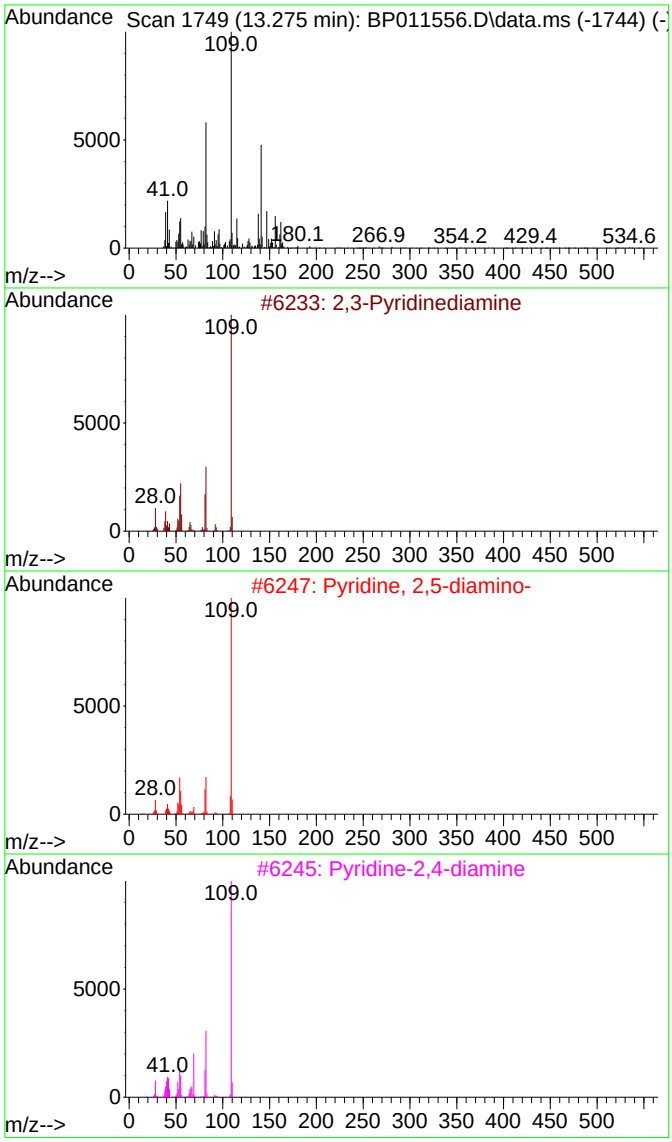
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

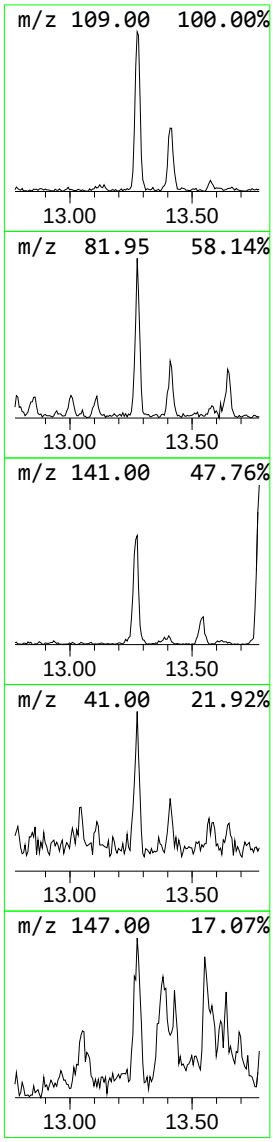
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	2.11 ng/ul	72556	Acenaphthene-d10	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	43
2	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	43
3	Pyridine-2,4-diamine	109	C5H7N3	000461-88-1	35
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	30
5	1,2,5-Oxadiazole-3-carboxamide, ...	279	C12H14FN5O2	1010319-53-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

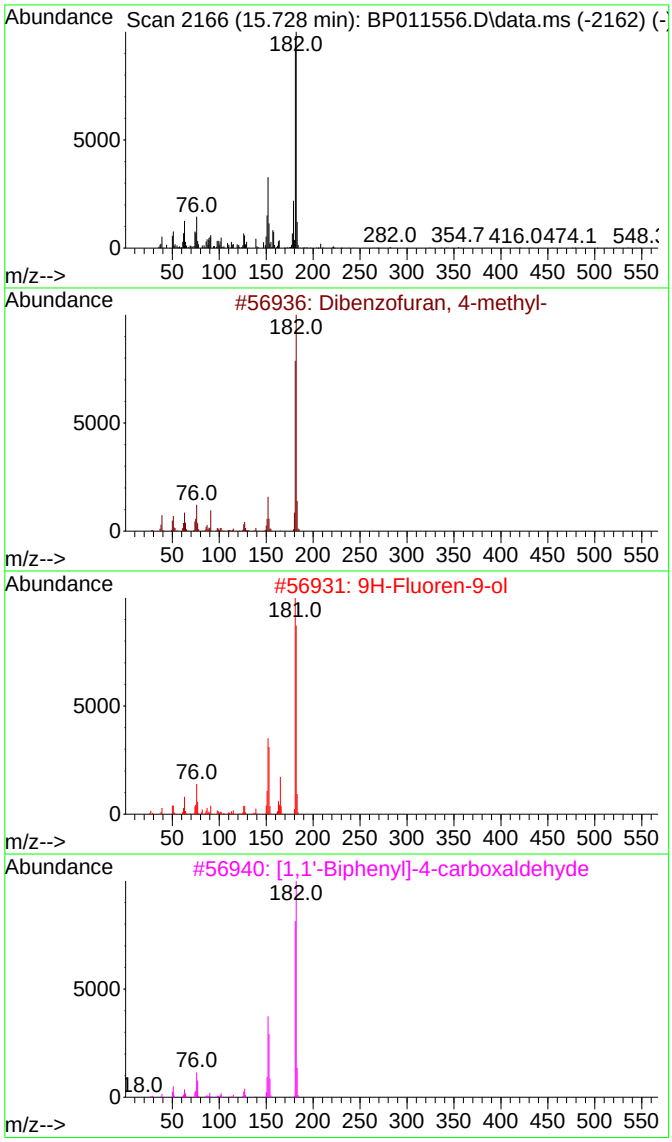
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

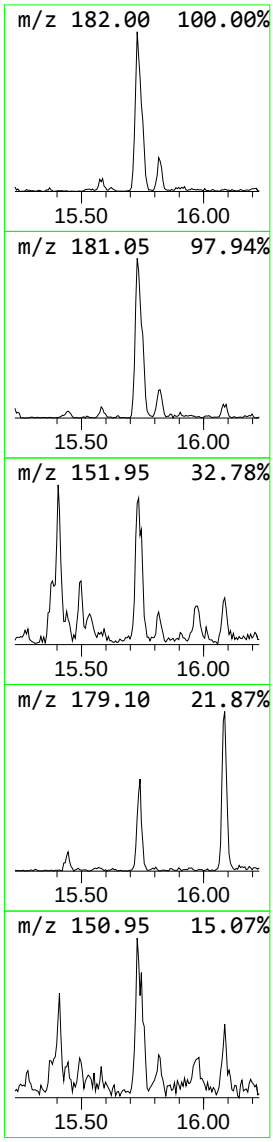
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	2.37 ng/ul	99295	Phenanthrene-d10	16.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

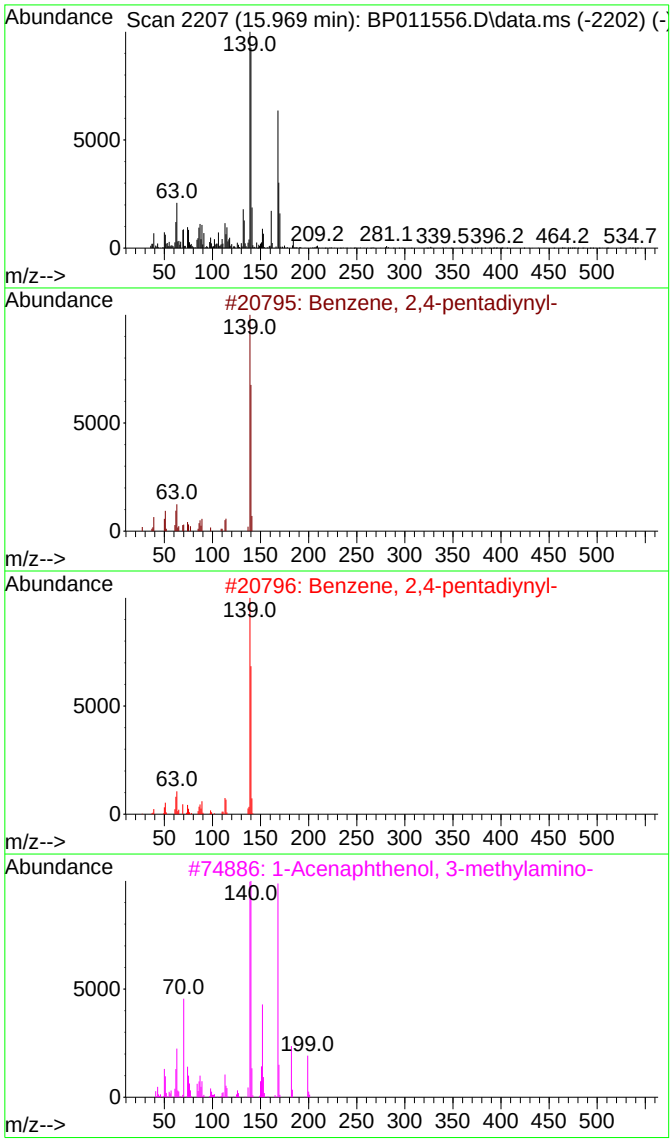
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

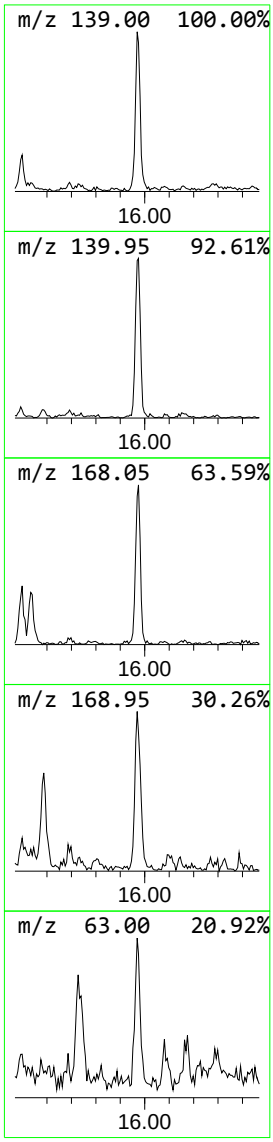
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2,4-pentadiynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	2.26 ng/ul	94678	Phenanthrene-d10	16.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	64
2	Benzene, 2,4-pentadiynyl-	140	C11H8	041268-41-1	58
3	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	53
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	47
5	1,2,3,4-Tetrahydro-5-(2-hydroxye...	170	C7H10N2O3	023935-66-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

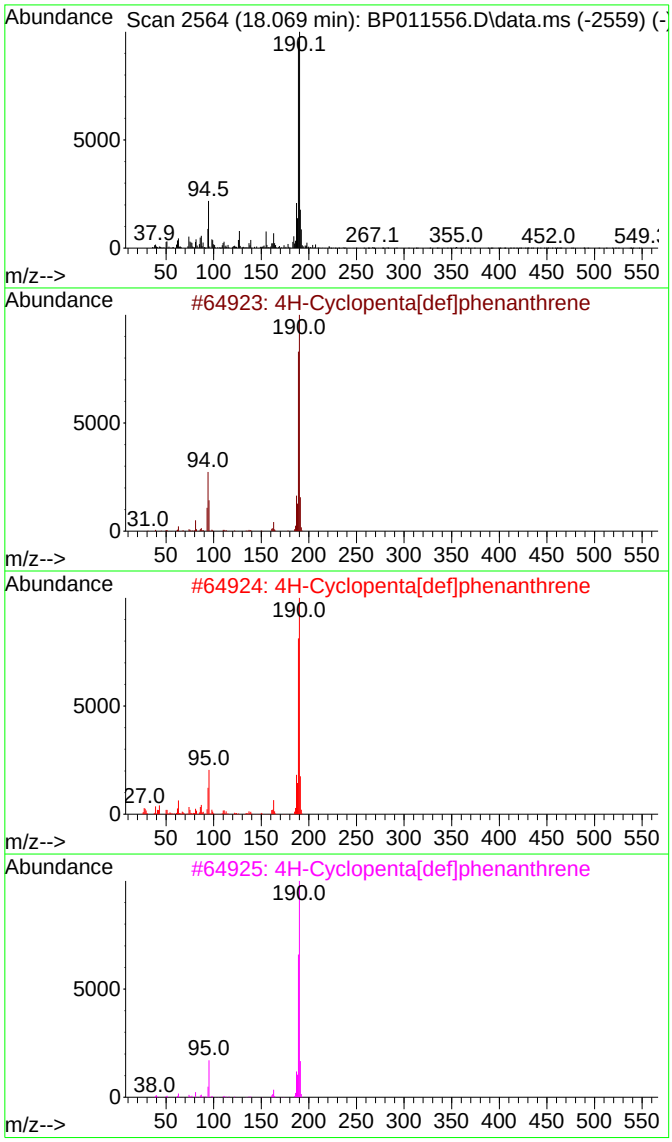
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

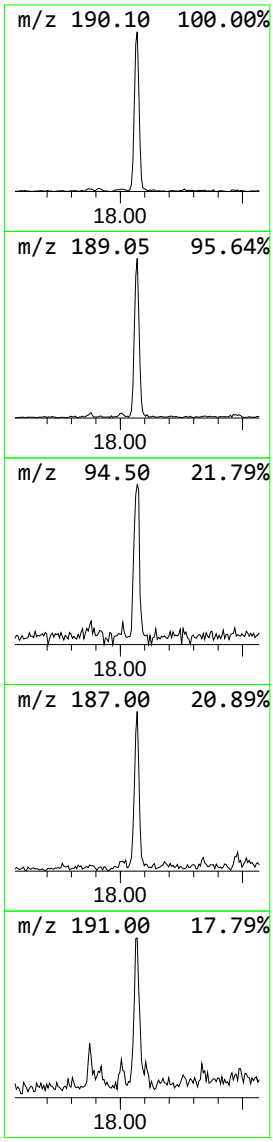
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	2.58 ng/ul	107855	Phenanthrene-d10	16.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011556.D
Acq On : 25 Aug 2022 09:14
Operator : CG/JU
Sample : N4268-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.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
3-Methylbenzoth...	12.198	2.1	ng/ul	57808	2	10.334	552709	20.0
unknown-01	13.275	2.1	ng/ul	72556	3	14.222	688849	20.0
Dibenzofuran, 4...	15.728	2.4	ng/ul	99295	4	16.992	836233	20.0
Benzene, 2,4-pe...	15.969	2.3	ng/ul	94678	4	16.992	836233	20.0
4H-Cyclopenta[d...	18.069	2.6	ng/ul	107855	4	16.992	836233	20.0