LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015931.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	38	42	47	rBV	35274	45260	0.52%	0.049%
2	3.752	110	113	127	rBV	164886	290069	3.32%	0.316%
3	7.057	670	675	683	rBV	81762	149540	1.71%	0.163%
4	7.228	698	704	715	rBV	450223	760979	8.71%	0.830%
5	7.428	731	738	749	rVB	284557	488959	5.59%	0.533%
6	7.899	809	818	825	rBV	957458	1625194	18.60%	1.772%
7	8.275	876	882	888	rBV	19529	37948	0.43%	0.041%
8	8.440	903	910	917	rBV2	37025	65893	0.75%	0.072%
9	8.604	931	938	949	rBV2	270942	468959	5.37%	0.511%
10	9.063	1009	1016	1026	rVV	589460	1034491	11.84%	1.128%
11	9.787	1132	1139	1147	rBV	254166	444862	5.09%	0.485%
12	10.110	1189	1194	1202	rVB3	30657	61448	0.70%	0.067%
13	10.328	1224	1231	1238	rBV	426197	760946	8.71%	0.830%
14	10.393	1239	1242	1250	rVB8	25041	43846	0.50%	0.048%
15	10.575	1266	1273	1279	rBV6	23379	63207	0.72%	0.069%
16	10.710	1288	1296	1300	rVV	1268678	2261246	25.87%	2.465%
17	10.763	1300	1305	1312	rVV	1042694	1844089	21.10%	2.010%
18	10.846	1312	1319	1334	rVB2	603619	1402901	16.05%	1.529%
19	11.822	1478	1485	1493	rBV3	37481	75901	0.87%	0.083%
20	11.910	1493	1500	1504	rBV9	17891	37247	0.43%	0.041%
21	12.234	1545	1555	1559	rBV	192439	383607	4.39%	0.418%
22	12.375	1572	1579	1584	rBV2	113347	183023	2.09%	0.200%
23	12.487	1592	1598	1604	rBV5	31597	63635	0.73%	0.069%
24	12.592	1604	1616	1623	rBV	903607	1606506	18.38%	1.751%
25	12.951	1672	1677	1683	rVV8	35487	83186	0.95%	0.091%
26	13.051	1689	1694	1699	rVV2	77699	142524	1.63%	0.155%
27	13.251	1722	1728	1738	rVB	362788	591217	6.76%	0.645%
28	13.381	1738	1750	1757	rBV	519723	884205	10.12%	0.964%
29	13.563	1771	1781	1786	rBV4	149486	462550	5.29%	0.504%
30	13.722	1796	1808	1816	rBV4	241470	705953	8.08%	0.770%
31	13.792	1816	1820	1824	rVB5	28918	44280	0.51%	0.048%
32	13.869	1824	1833	1838	rBV	432852	818814	9.37%	0.893%
33	13.922	1838	1842	1843	rVV	233815	287654	3.29%	0.314%
34	13.957	1843	1848	1854	rVB	1637604	2391046	27.36%	2.607%
35	14.104	1868	1873	1877	rBV	205092	355623	4.07%	0.388%
36	14.134	1877	1878	1884	rVB3	91174	118362	1.35%	0.129%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

37	14.239	1890	1896	1909	rVB	1563119	2890037	33.07%	3.151%
38	14.357	1912	1916	1919	rBV6	25716	42618	0.49%	0.046%
39	14.392	1919	1922	1928	rVB	80875	109609	1.25%	0.119%
40	14.551	1938	1949	1954	rBV	1831306	3114949	35.64%	3.396%
41	14.610	1954	1959	1966	rVV	2269465	3656816	41.84%	3.987%
42	14.675	1966	1970	1976	rVV	197323	297961	3.41%	0.325%
43	14.745	1976	1982	1992	rVV8	101402	298144	3.41%	0.325%
44	14.851	1992	2000	2007	rVV2	535428	989809	11.33%	1.079%
45	14.945	2007	2016	2022	rVV	1872055	3162132	36.18%	3.447%
46	15.016	2022	2028	2033	rVB6	134934	254586	2.91%	0.278%
47	15.092	2035	2041	2045	rVV	311398	495236	5.67%	0.540%
48	15.134	2045	2048	2050	rVV4	102164	156771	1.79%	0.171%
49	15.169	2050	2054	2059	rVV	667369	1036145	11.86%	1.130%
50	15.222	2059	2063	2067	rVB	65813	84604	0.97%	0.092%
51	15.334	2076	2082	2085	rBV5	63971	125174	1.43%	0.136%
52	15.369	2085	2088	2093	rVB5	61206	94448	1.08%	0.103%
53	15.539	2111	2117	2122	rBV	2042541	3151399	36.06%	3.436%
54	15.598	2122	2127	2132	rVV	1958011	2864207	32.77%	3.123%
55	15.669	2132	2139	2144	rVV3	910655	1656277	18.95%	1.806%
56	15.722	2144	2148	2151	rVV2	158167	269422	3.08%	0.294%
57	15.757	2151	2154	2159	rVV3	144553	243910	2.79%	0.266%
58	15.810	2160	2163	2166	rVV4	64806	97461	1.12%	0.106%
59	15.845	2166	2169	2173	rVV3	73287	115353	1.32%	0.126%
60	15.892	2173	2177	2183	rVB2	115800	196908	2.25%	0.215%
61	15.998	2191	2195	2197	rBV4	39030	68172	0.78%	0.074%
62	16.033	2197	2201	2210	rVB2	222297	446620	5.11%	0.487%
63	16.128	2210	2217	2223	rBV8	41258	101837	1.17%	0.111%
64	16.269	2236	2241	2248	rVB	362225	545170	6.24%	0.594%
65	16.398	2259	2263	2269	rBV5	36705	64446	0.74%	0.070%
66	16.557	2285	2290	2291	rBV5	40886	57731	0.66%	0.063%
67	16.598	2292	2297	2301	rVV2	82168	159950	1.83%	0.174%
68	16.751	2320	2323	2328	rVB3	48759	69165	0.79%	0.075%
69	16.945	2348	2356	2368	rBV	5814927	8739815	100.00%	9.528%
70	17.116	2380	2385	2394	rVB	292928	446522	5.11%	0.487%
71	17.251	2405	2408	2410	rBV2	51264	60645	0.69%	0.066%
72	17.298	2410	2416	2419	rBV	2212938	3177346	36.35%	3.464%
73	17.339	2419	2423	2428	rVB	2492811	3441607	39.38%	3.752%
74	17.398	2428	2433	2437	rBV	2328663	3417840	39.11%	3.726%
75	17.498	2445	2450	2455	rVB3	81936	140400	1.61%	0.153%
76	17.698	2478	2484	2490	rVV	2396468	3580160	40.96%	3.903%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

77	17.745	2490	2492	2497	rVB4	42818	64252	0.74%	0.070%
78	17.916	2517	2521	2526	rVB6	44998	76601	0.88%	0.084%
79	18.004	2532	2536	2540	rBV6	60011	81471	0.93%	0.089%
80	18.104	2549	2553	2555	rBV5	32922	45912	0.53%	0.050%
81	18.175	2562	2565	2568	rBV	66915	95895	1.10%	0.105%
82	18.222	2569	2573	2578	rVB3	231678	323212	3.70%	0.352%
83	18.375	2592	2599	2608	rVB4	218150	531236	6.08%	0.579%
84	18.475	2608	2616	2620	rBV3	76596	184053	2.11%	0.201%
85	18.522	2620	2624	2627	rVV2	132547	206242	2.36%	0.225%
86	18.563	2627	2631	2636	rVV	241179	365697	4.18%	0.399%
87	18.610	2636	2639	2645	rVV3	87026	145955	1.67%	0.159%
88	18.669	2646	2649	2653	rVV5	44330	77781	0.89%	0.085%
89	18.716	2653	2657	2662	rVB	288605	401102	4.59%	0.437%
90	19.357	2761	2766	2771	rVB	483368	676582	7.74%	0.738%
91	19.692	2816	2823	2837	rBV	3117586	4846143	55.45%	5.283%
92	19.927	2860	2863	2867	rVB6	70652	96949	1.11%	0.106%
93	20.098	2888	2892	2898	rVB2	209119	291420	3.33%	0.318%
94	20.692	2989	2993	2998	rBV	215767	259107	2.96%	0.282%
95	21.204	3076	3080	3083	rBV4	92361	162842	1.86%	0.178%
96	21.486	3122	3128	3137	rBV	2756365	3726518	42.64%	4.063%
97	23.174	3413	3415	3420	rVB2	102348	143640	1.64%	0.157%
98	23.751	3505	3513	3520	rBV	2020097	4096387	46.87%	4.466%
99	23.910	3533	3540	3549	rVB3	1734405	3547393	40.59%	3.867%
100	24.545	3645	3648	3655	rVB3	143613	274081	3.14%	0.299%

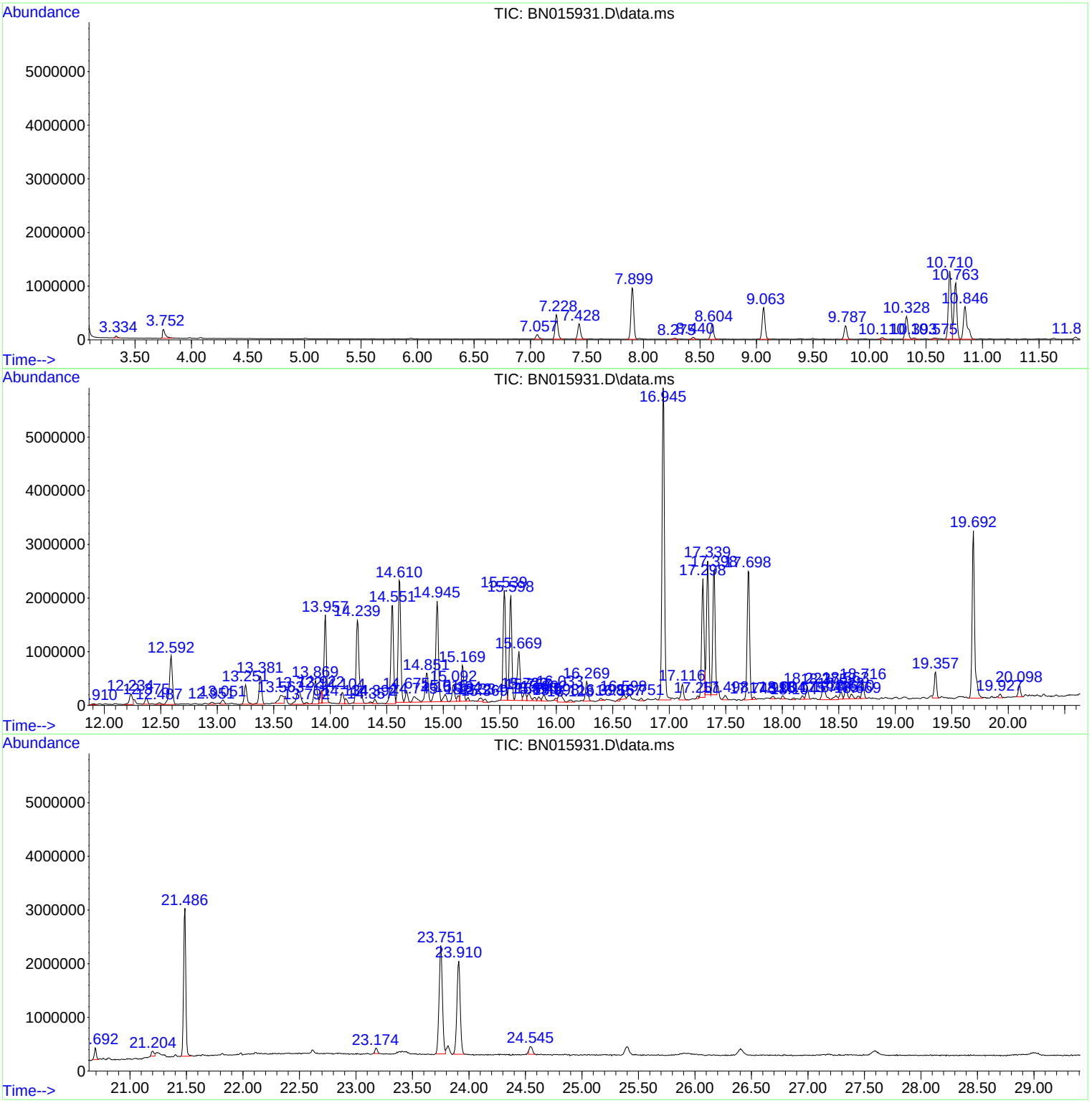
Sum of corrected areas: 91727043

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

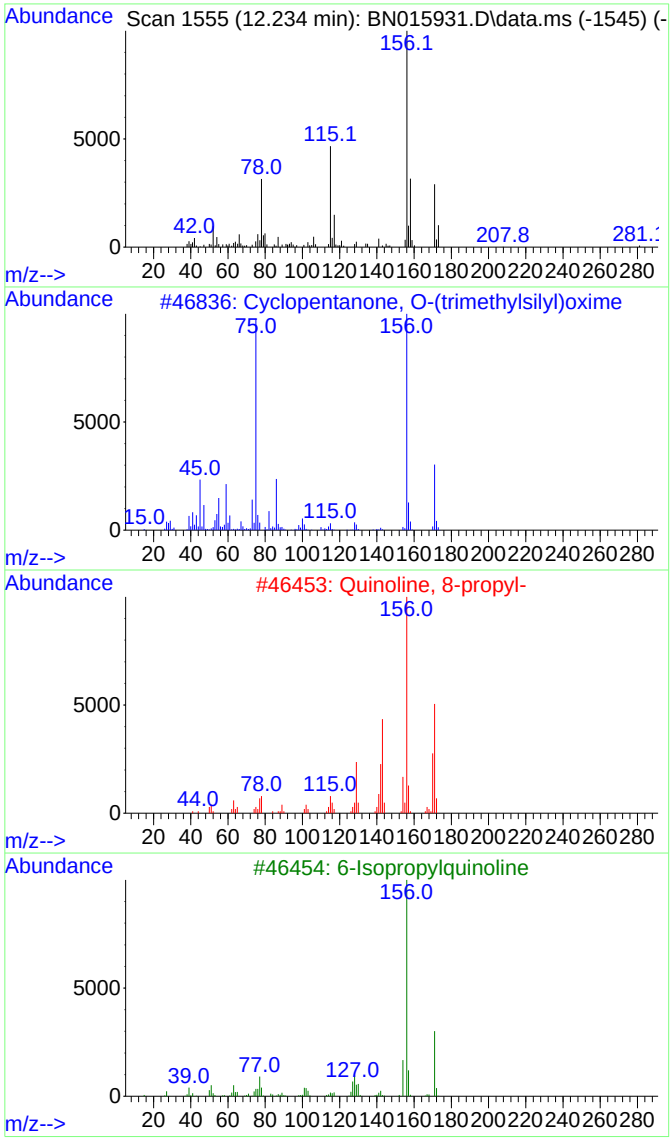
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

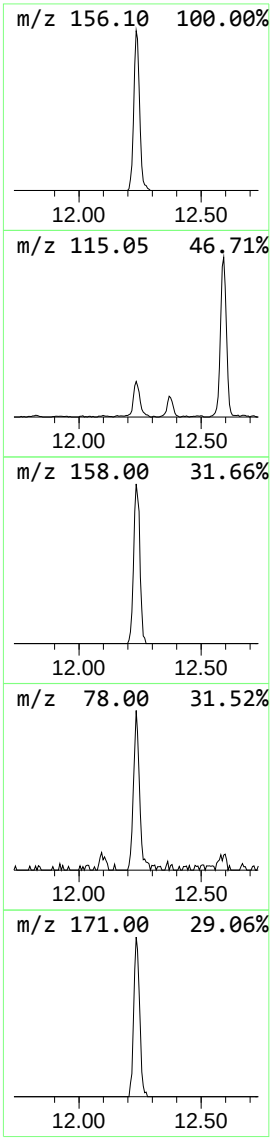
****

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.234	3.39 ng/ul	383607	Naphthalene-d8	10.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	43
2	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	43
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
4	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	38
5	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

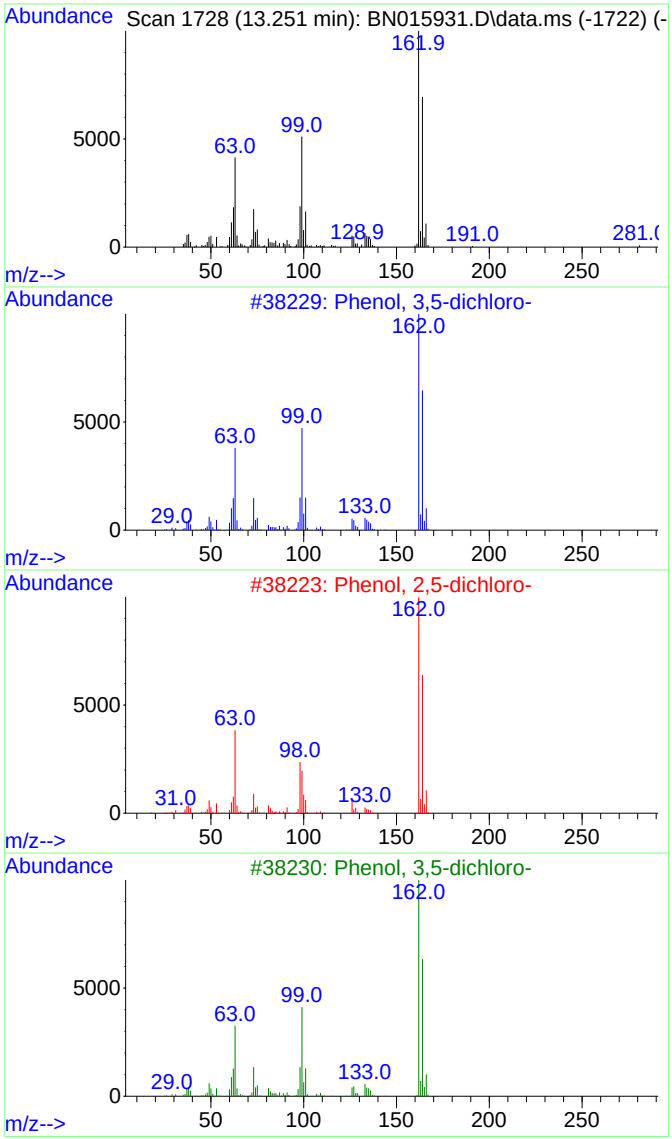
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

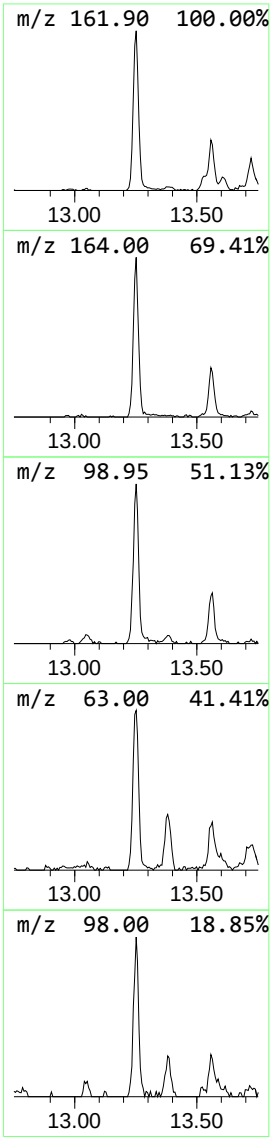
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 3,5-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	3.80 ng/ul	591217	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
2	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	95
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
4	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	95
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

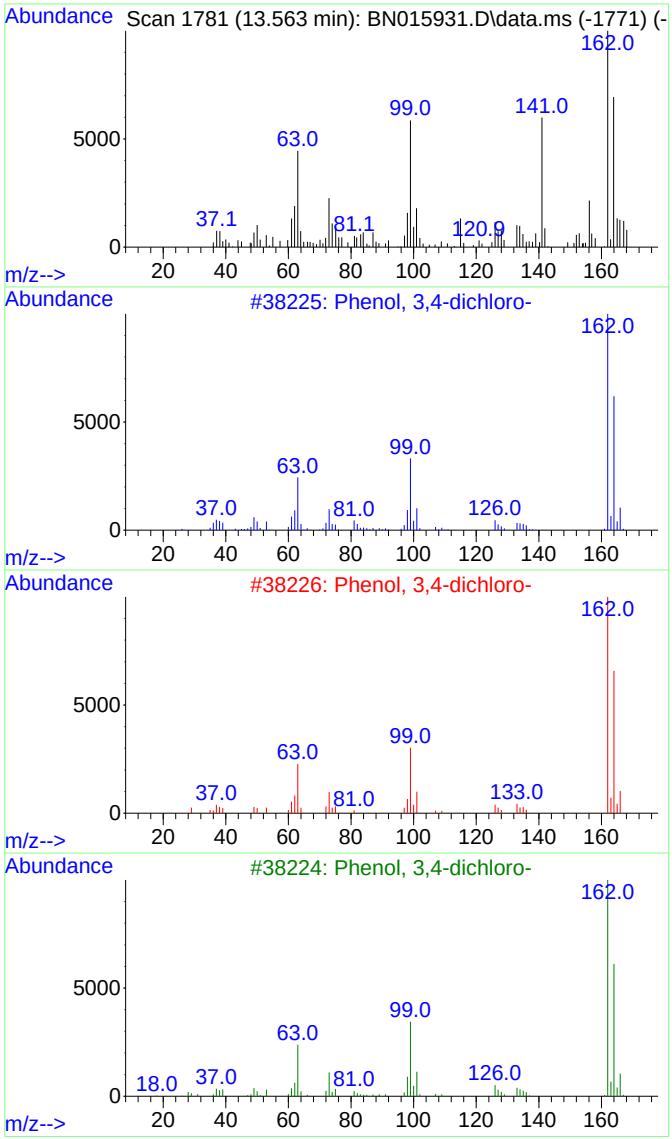
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

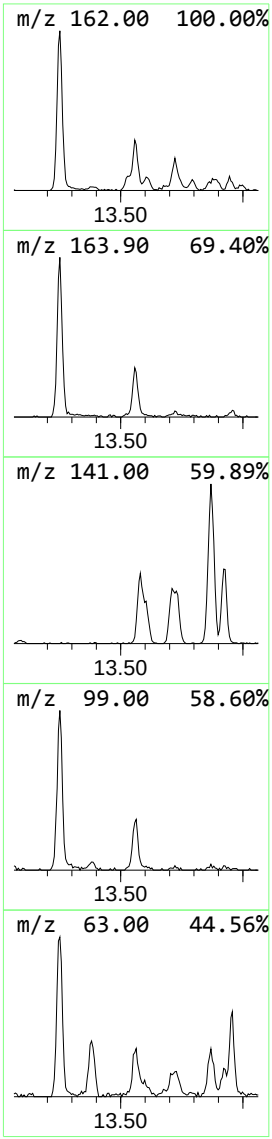
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.563	2.97 ng/ul	462550	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

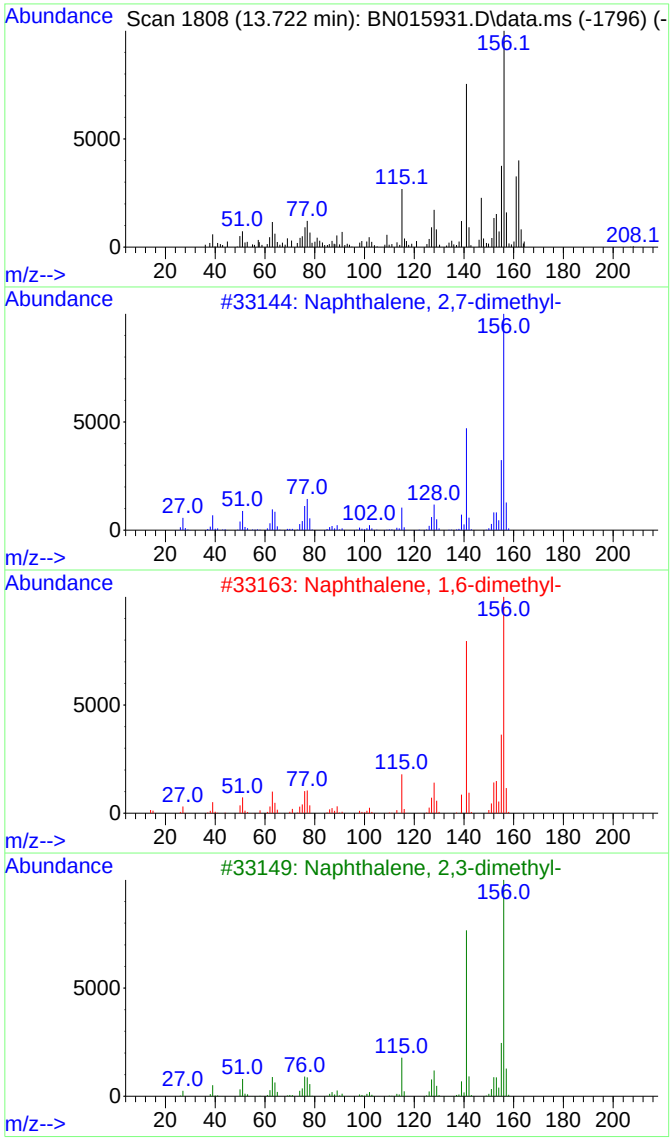
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

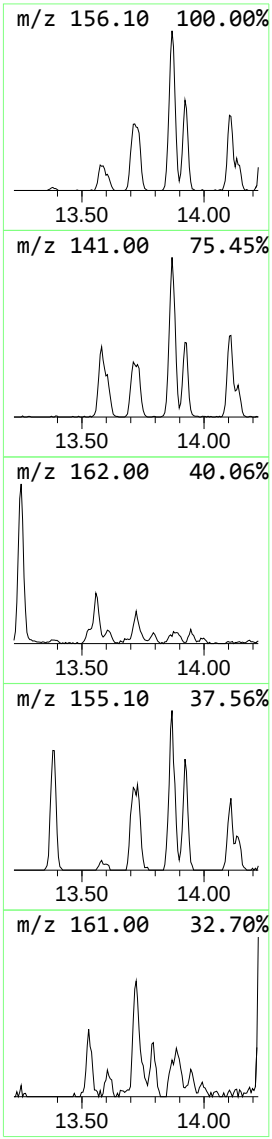
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	4.53 ng/ul	705953	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

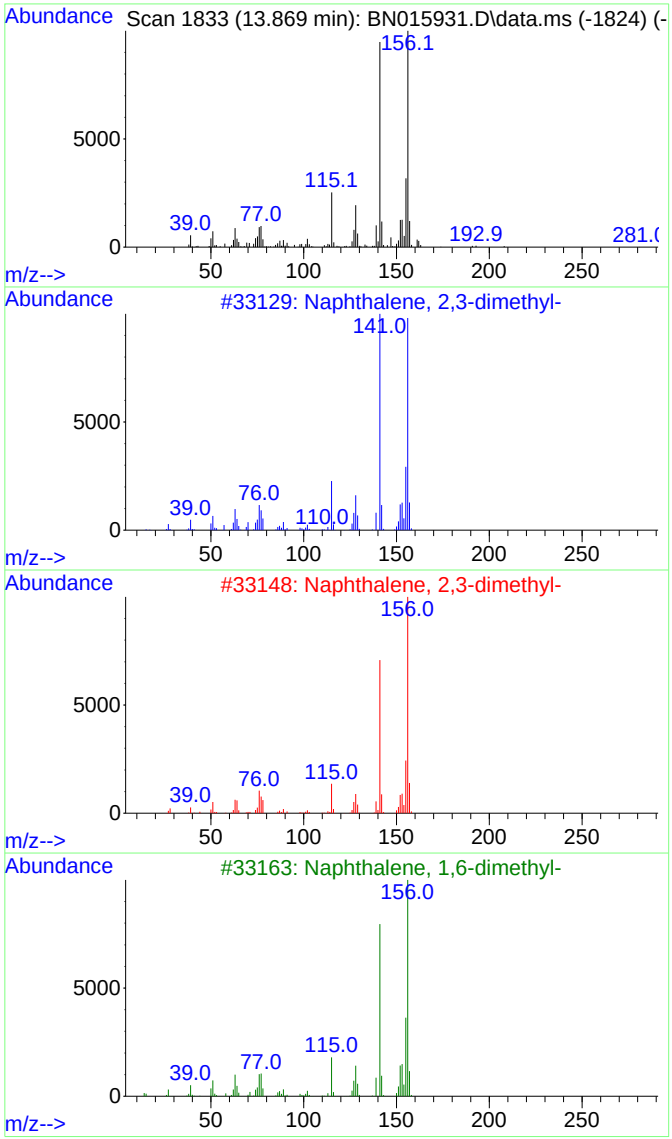
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

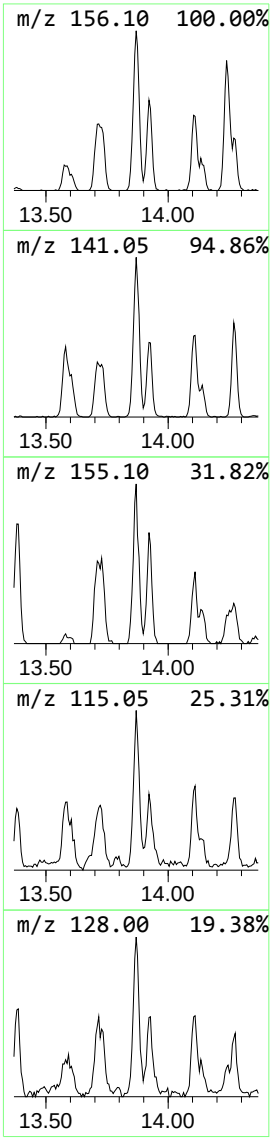
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	5.26 ng/ul	818814	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Data File : BN015931.D
Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

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Quant Title : SVOA CALIBRATION

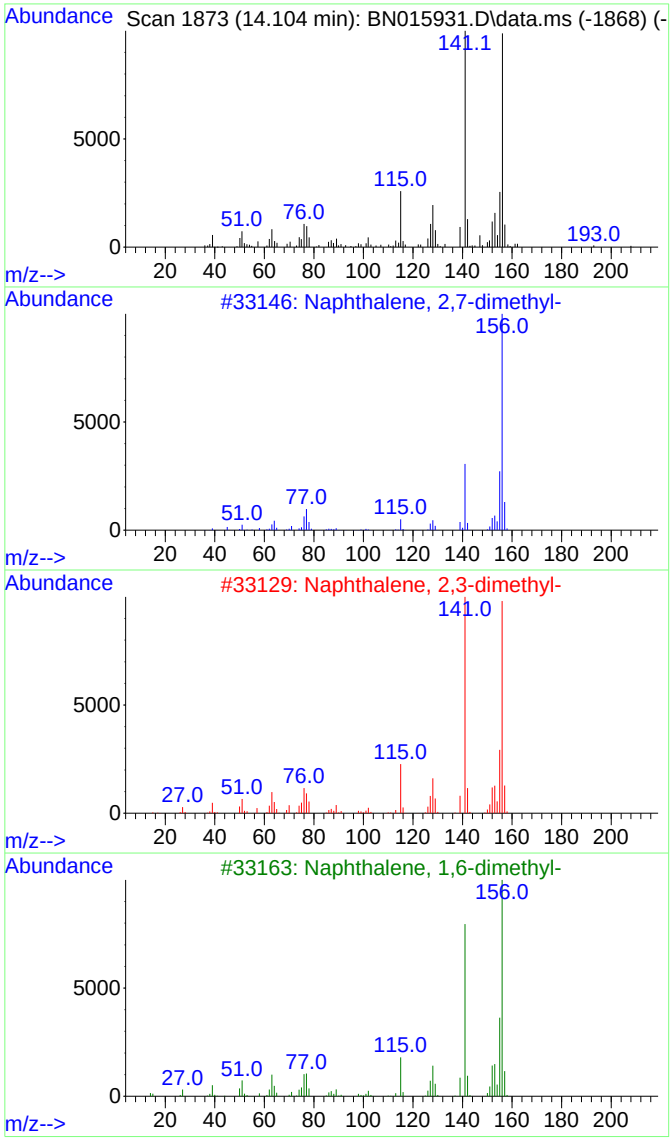
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

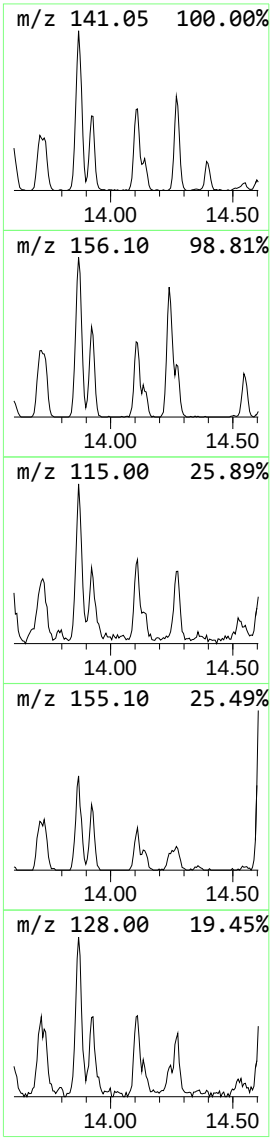
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	2.28 ng/ul	355623	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

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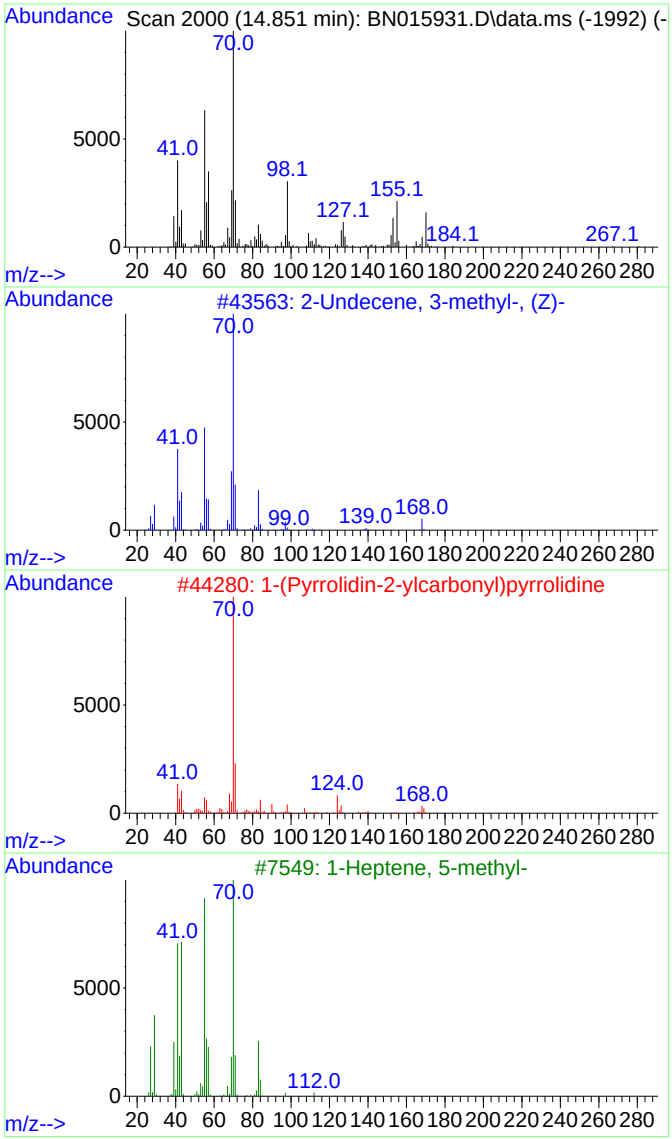
Quant Title : SVOA CALIBRATION

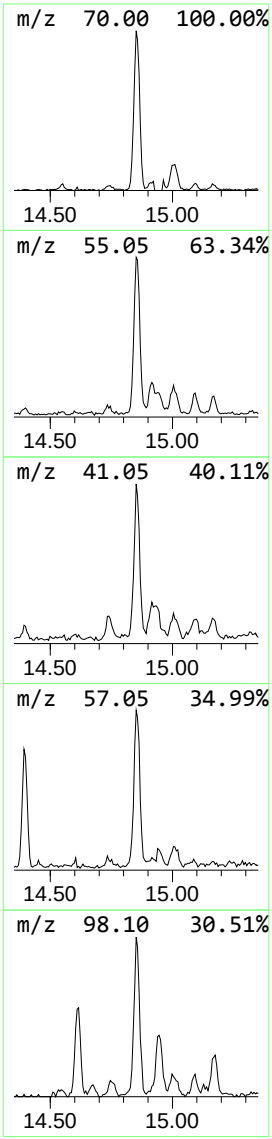
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	6.36 ng/ul	989809	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	47
2	1-(Pyrrolidin-2-ylcarbonyl)pyrro...	168	C9H16N2O	144243-45-8	43
3	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	43
4	Pentanoic acid, 3-methylbutyl ester	172	C10H20O2	002050-09-1	38
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	38





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Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

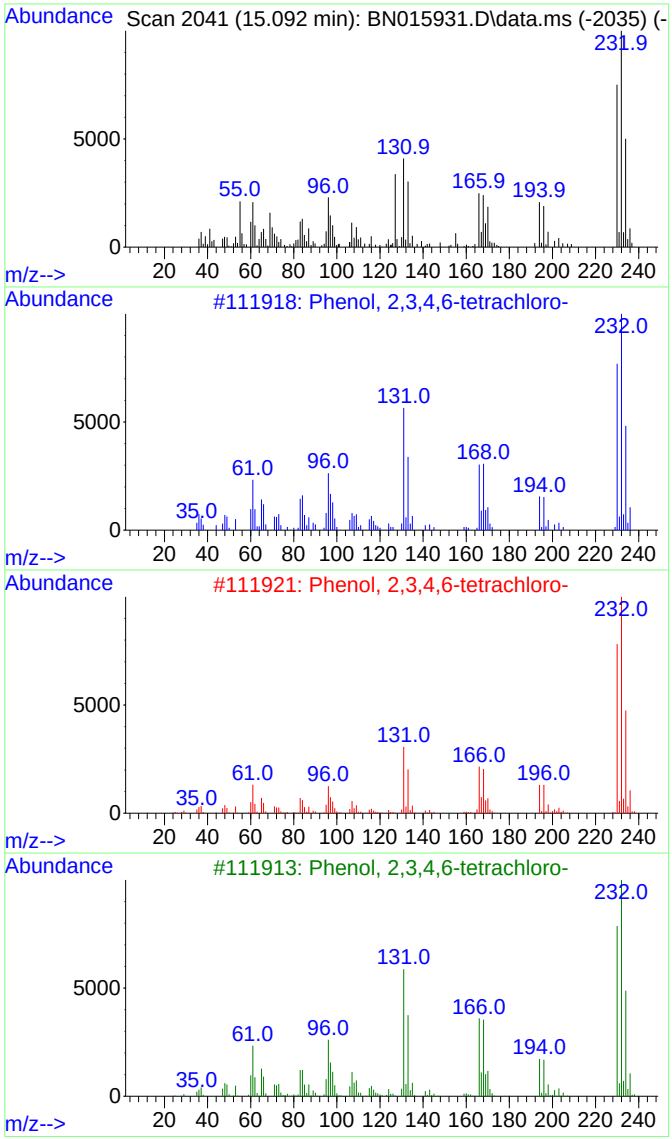
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

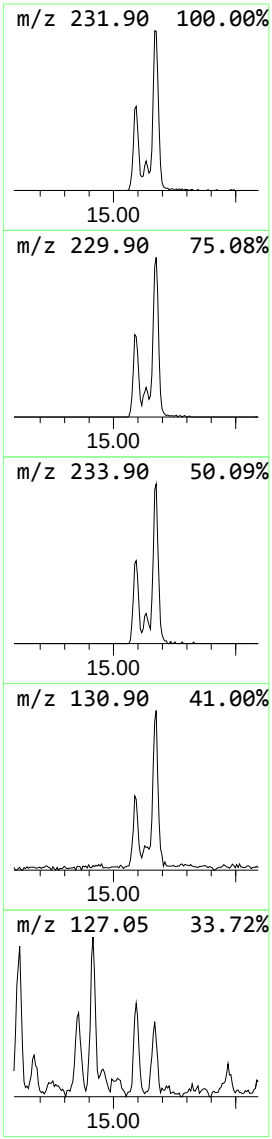
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2,3,4,6-tetrachloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	3.18 ng/ul	495236	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	96
5	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	95





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Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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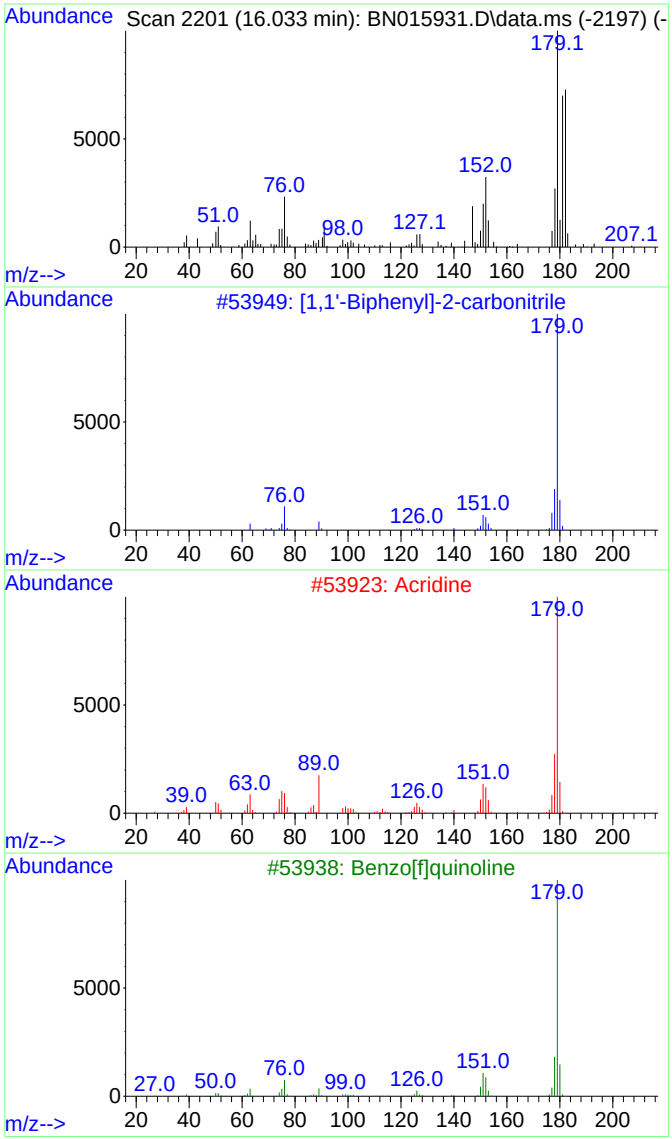
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

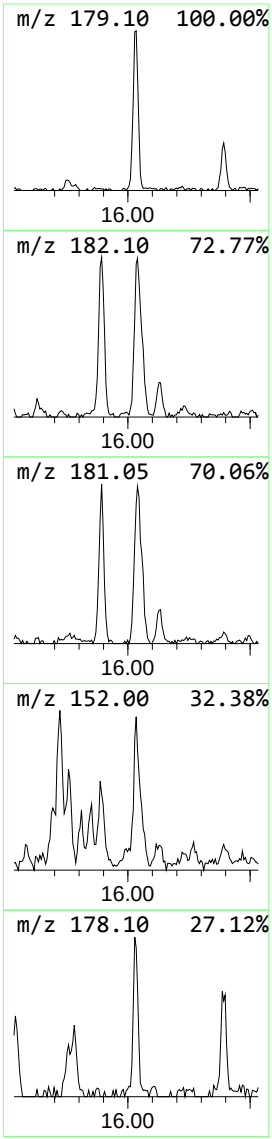
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 [1,1'-Biphenyl]-2-carbonitrile Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.034	2.81 ng/ul	446620	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	60
2	Acridine	179	C13H9N	000260-94-6	55
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	55
4	Phenanthridine	179	C13H9N	000229-87-8	53
5	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	53





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Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

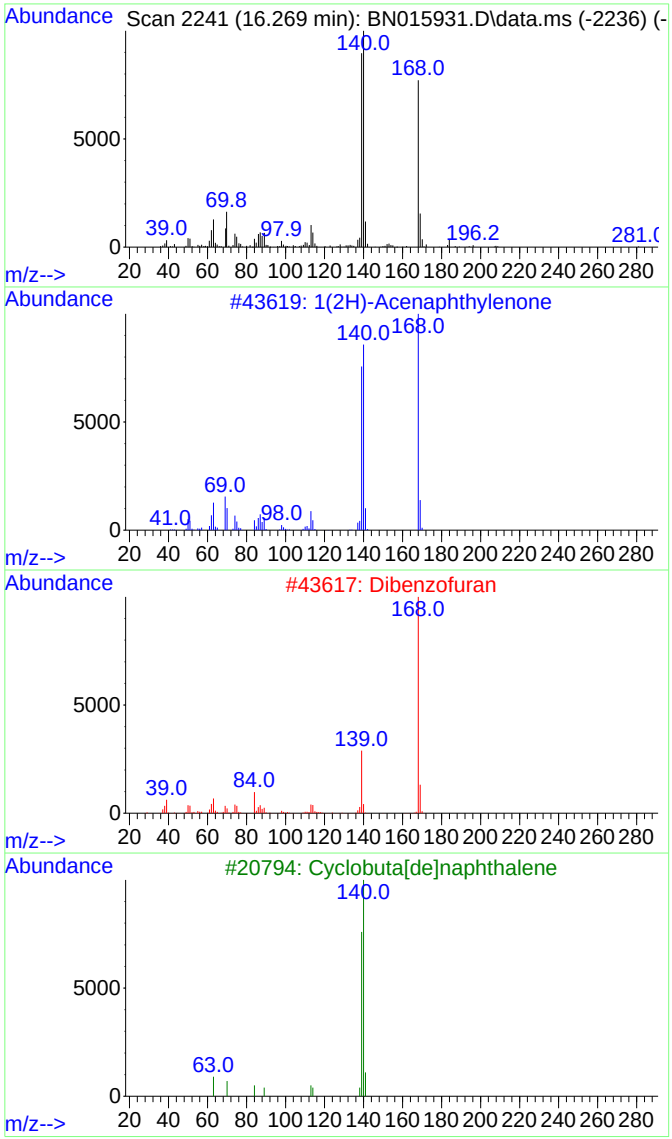
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

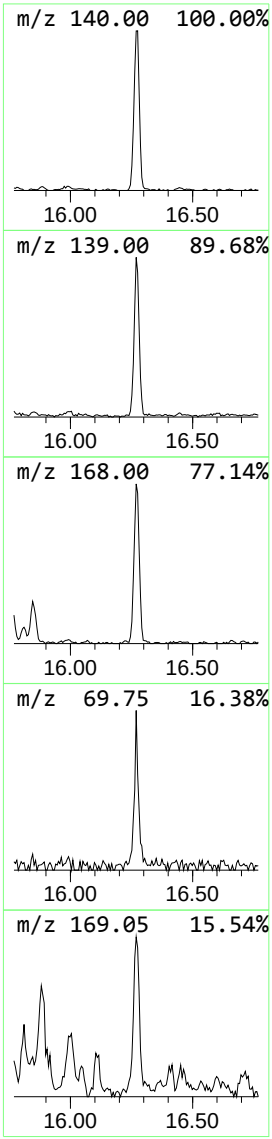
****

Peak Number 10 1(2H)-Acenaphthylenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	3.43 ng/ul	545170	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Dibenzofuran	168	C12H8O	000132-64-9	58
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	49
5	Ethyl maltol	140	C7H8O3	004940-11-8	47





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Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

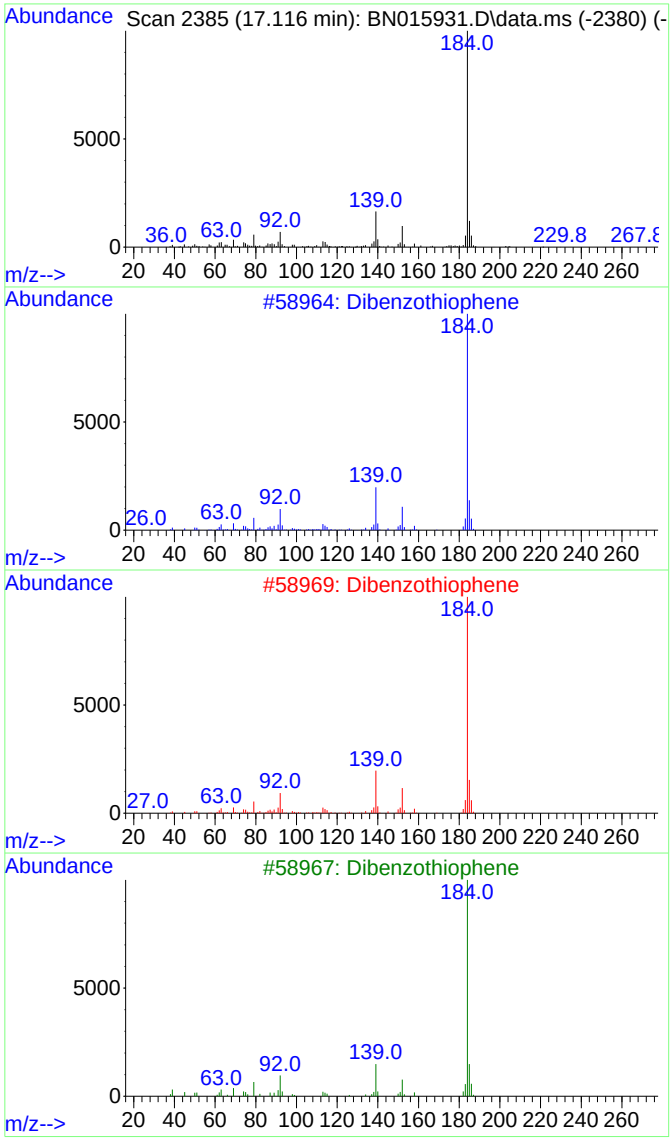
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

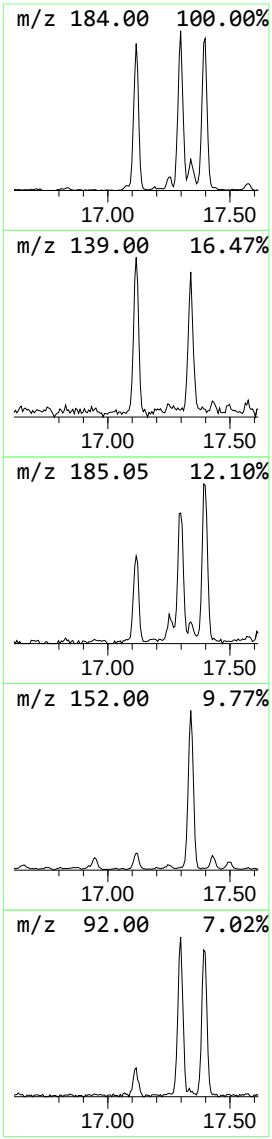
****

Peak Number 11 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	2.81 ng/ul	446522	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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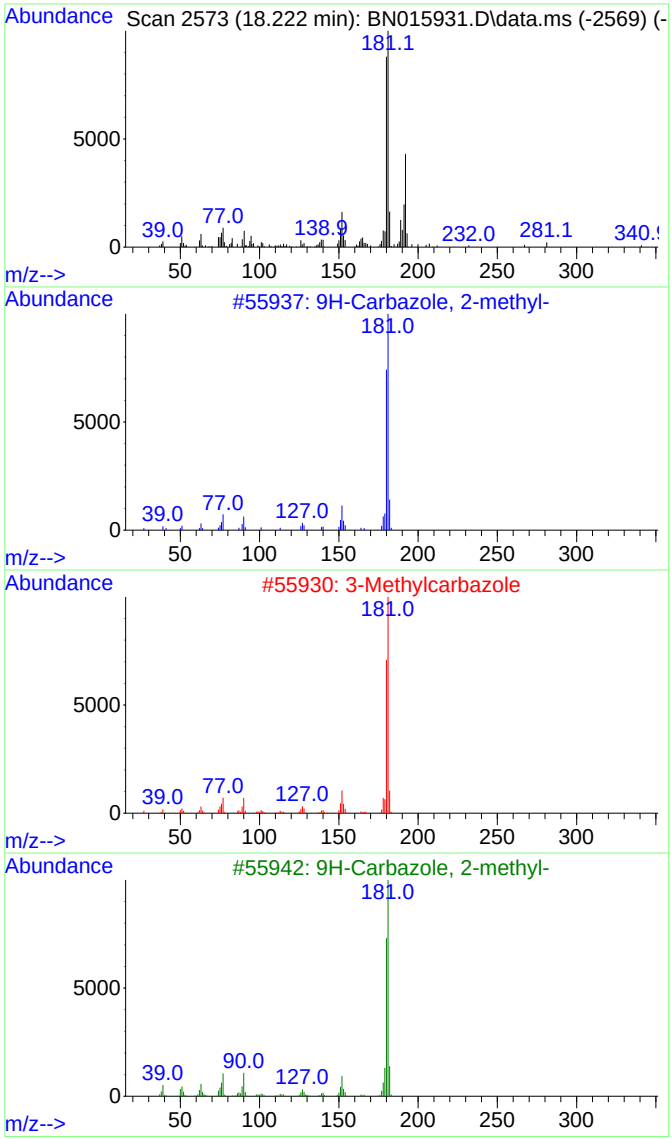
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

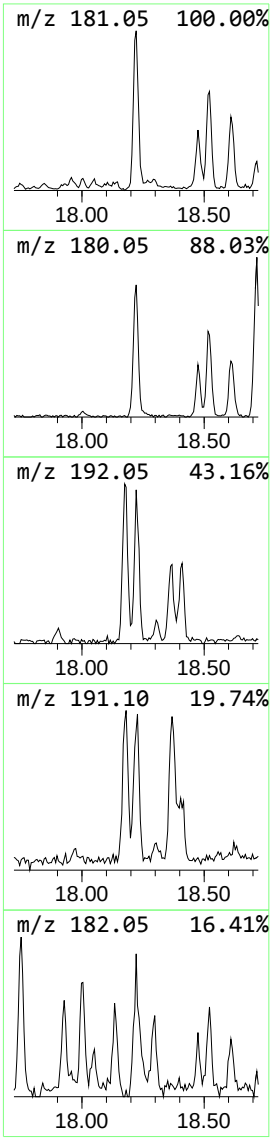
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Carbazole, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	2.03 ng/ul	323212	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
2	3-Methylcarbazole	181	C13H11N	004630-20-0	93
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86
4	4-Methylcarbazole	181	C13H11N	003770-48-7	86
5	3-Methylcarbazole	181	C13H11N	004630-20-0	86





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Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

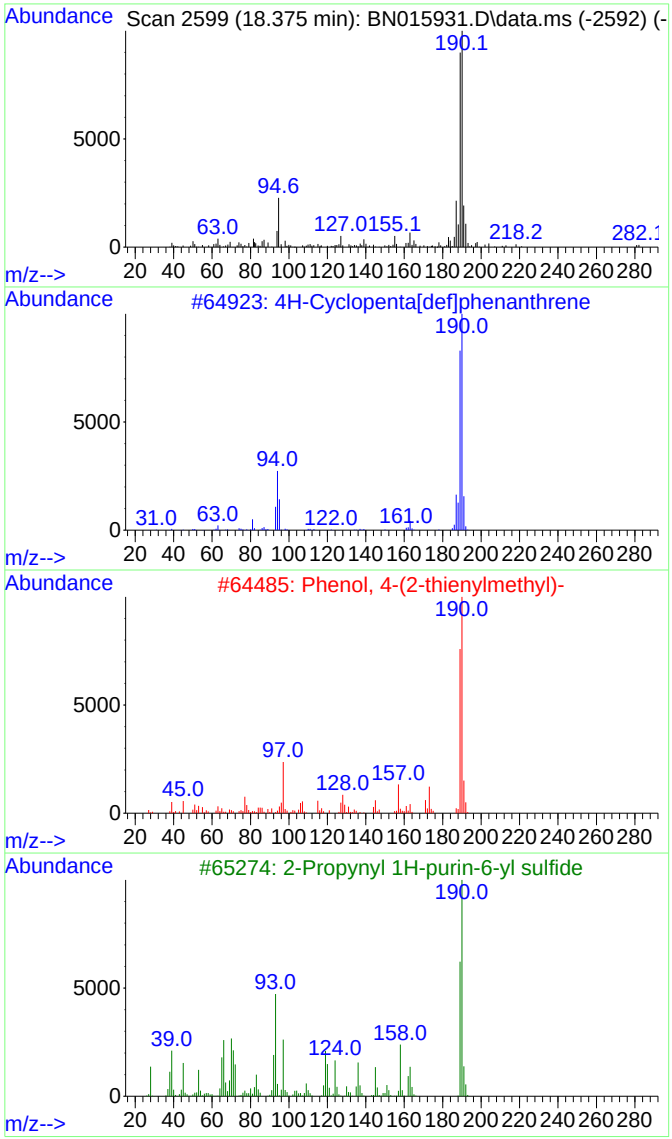
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

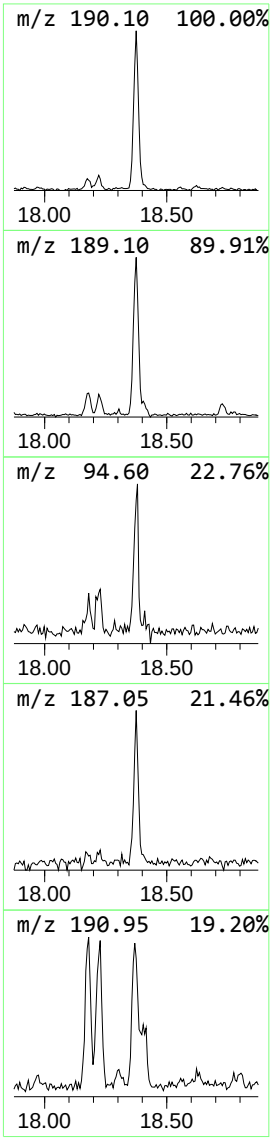
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	3.34 ng/ul	531236	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	2-Propynyl 1H-purin-6-yl sulfide	190	C8H6N4S	1000486-13-9	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





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Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

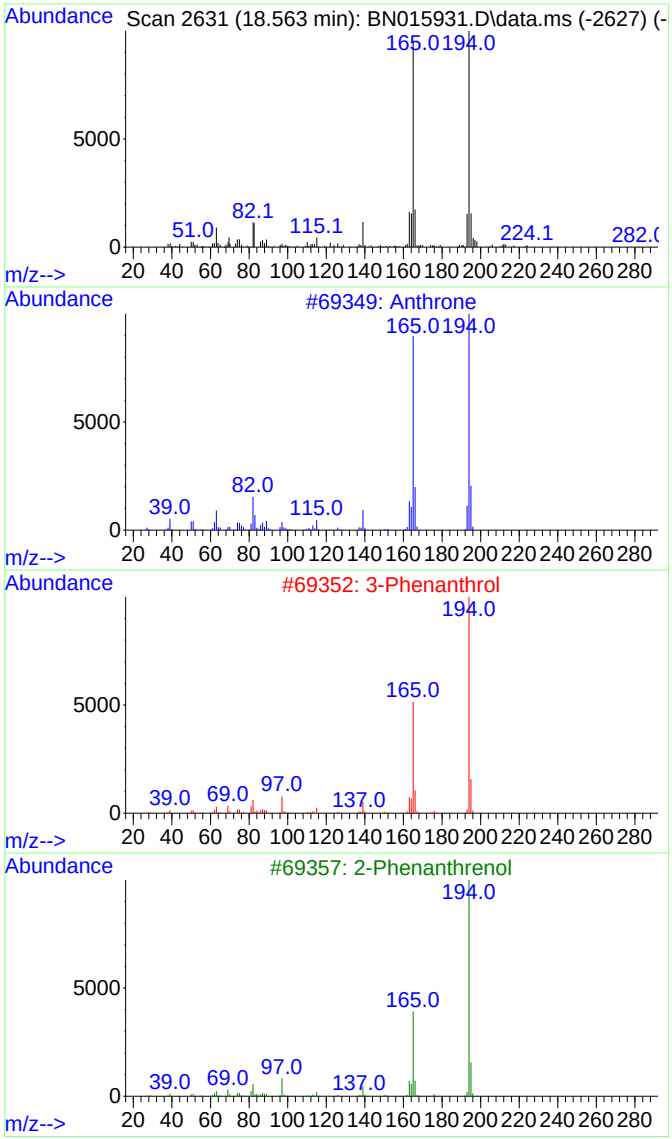
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

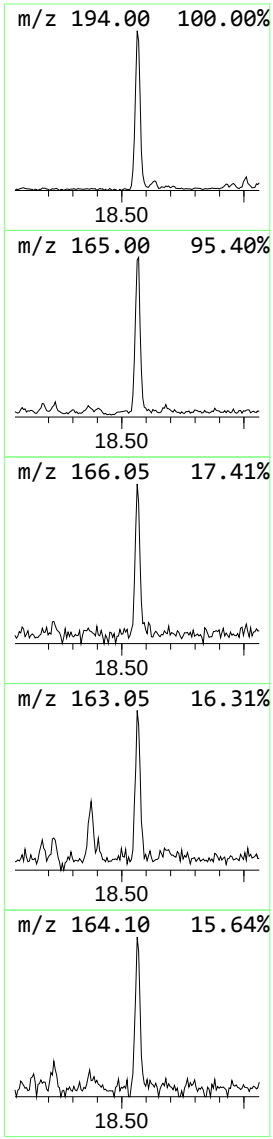
****

Peak Number 14 Anthrone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	2.30 ng/ul	365697	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	94
2	3-Phenanthrol	194	C14H10O	000605-87-8	90
3	2-Phenanthrenol	194	C14H10O	000605-55-0	90
4	5H-Dibenzo[a,d]cycloheptane-10,1...	222	C15H10O2	052559-75-8	90
5	4-Phenanthrenol	194	C14H10O	007651-86-7	87





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Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKC5DL

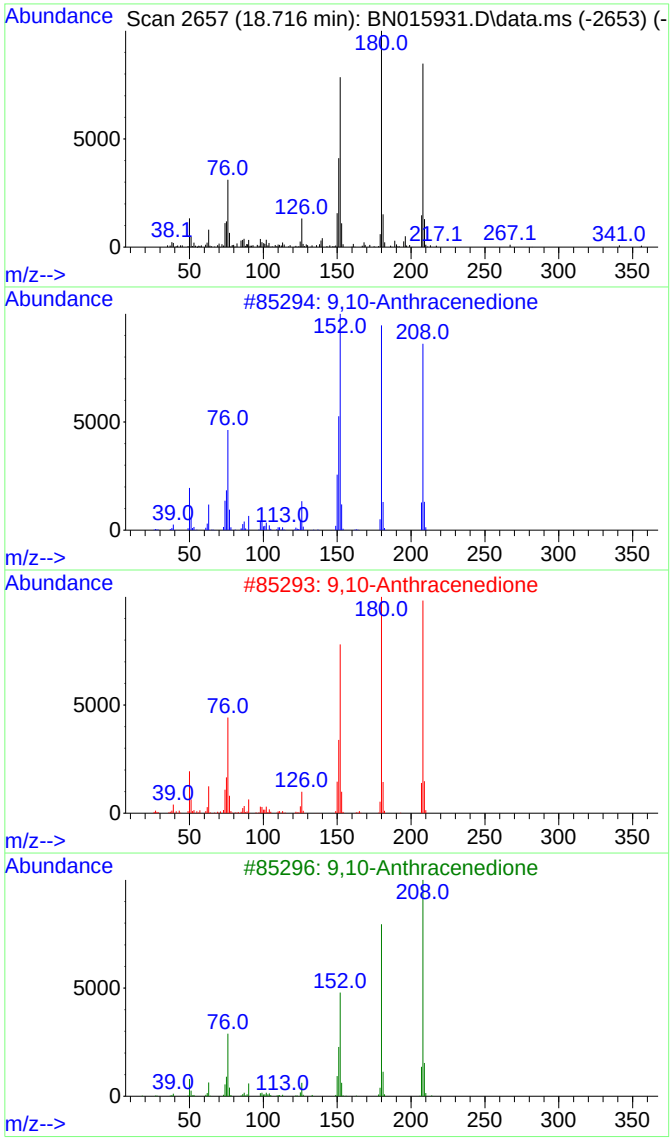
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

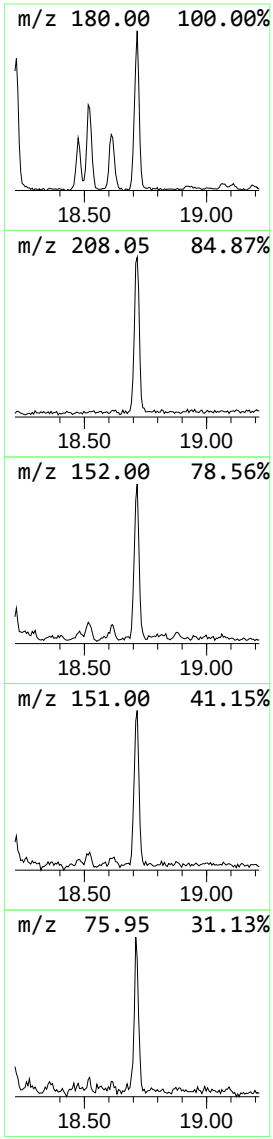
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.716	2.52 ng/ul	401102	Phenanthrene-d10	17.298

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90





Tentatively Identified Compound (LSC) summary

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Acq On : 18 Aug 2021 11:23
Operator : CG/JU
Sample : M3364-18DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKC5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.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
unknown-01	12.234	3.4	ng/ul	383607	2	10.710	2261250	20.0
Phenol, 3,5-dic...	13.251	3.8	ng/ul	591217	3	14.551	3114950	20.0
Phenol, 3,4-dic...	13.563	3.0	ng/ul	462550	3	14.551	3114950	20.0
Naphthalene, 1,...	13.722	4.5	ng/ul	705953	3	14.551	3114950	20.0
Naphthalene, 2,...	13.869	5.3	ng/ul	818814	3	14.551	3114950	20.0
Naphthalene, 2,...	14.104	2.3	ng/ul	355623	3	14.551	3114950	20.0
(DEL) Alkane: S...	14.851	6.4	ng/ul	989809	3	14.551	3114950	20.0
Phenol, 2,3,4,6...	15.092	3.2	ng/ul	495236	3	14.551	3114950	20.0
[1,1'-Biphenyl]...	16.034	2.8	ng/ul	446620	4	17.298	3177350	20.0
1(2H)-Acenaphth...	16.269	3.4	ng/ul	545170	4	17.298	3177350	20.0
Dibenzothiophene	17.116	2.8	ng/ul	446522	4	17.298	3177350	20.0
9H-Carbazole, 2...	18.222	2.0	ng/ul	323212	4	17.298	3177350	20.0
4H-Cyclopenta[d...	18.375	3.3	ng/ul	531236	4	17.298	3177350	20.0
Anthrone	18.563	2.3	ng/ul	365697	4	17.298	3177350	20.0
9,10-Anthracene...	18.716	2.5	ng/ul	401102	4	17.298	3177350	20.0