LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043764.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.357	26	29	36	rVB	52981	77833	0.10%	0.052%
2	3.805	102	105	116	rBV	70760	133373	0.17%	0.089%
3	7.128	662	670	684	rBV	800769	1343772	1.75%	0.899%
4	7.293	691	698	707	rBV	639794	1019463	1.33%	0.682%
5	7.481	723	730	740	rBV	800479	1319629	1.72%	0.883%
6	7.951	801	810	817	rBV	1088329	1737545	2.27%	1.162%
7	8.016	817	821	831	rVB	46626	88187	0.12%	0.059%
8	8.675	926	933	943	rBV	919257	1614807	2.11%	1.080%
9	8.792	948	953	961	rVB	59703	105362	0.14%	0.070%
10	9.128	1004	1010	1021	rBV	727239	1259296	1.64%	0.843%
11	9.851	1126	1133	1147	rBV	635284	1108332	1.45%	0.742%
12	10.392	1218	1225	1244	rBV	872765	1672851	2.18%	1.119%
13	10.763	1274	1288	1297	rBV	1416209	2416891	3.15%	1.617%
14	10.922	1304	1315	1333	rBV	441290	981137	1.28%	0.656%
15	12.186	1517	1530	1543	rBV	126674	551351	0.72%	0.369%
16	12.822	1634	1638	1645	rVB2	49183	84570	0.11%	0.057%
17	13.369	1726	1731	1735	rBV2	59358	92258	0.12%	0.062%
18	13.851	1807	1813	1818	rBV	604259	895964	1.17%	0.599%
19	13.904	1819	1822	1829	rVB7	51226	87714	0.11%	0.059%
20	14.016	1835	1841	1847	rBV	1661572	2346785	3.06%	1.570%
21	14.104	1852	1856	1861	rVB2	123965	188407	0.25%	0.126%
22	14.292	1882	1888	1902	rBV	2094151	3176440	4.14%	2.125%
23	14.404	1902	1907	1915	rVV2	235283	378709	0.49%	0.253%
24	14.480	1915	1920	1926	rVB2	532955	763333	1.00%	0.511%
25	14.598	1933	1940	1946	rBV	1994724	3093263	4.04%	2.070%
26	14.657	1946	1950	1956	rVV8	70087	105908	0.14%	0.071%
27	14.833	1975	1980	1990	rVB2	617576	1069037	1.39%	0.715%
28	15.145	2029	2033	2037	rBV2	102944	153521	0.20%	0.103%
29	15.227	2042	2047	2052	rVB	846240	1346834	1.76%	0.901%
30	15.421	2075	2080	2085	rBV3	509148	816470	1.07%	0.546%
31	15.533	2096	2099	2103	rBV	204772	273475	0.36%	0.183%
32	15.586	2103	2108	2114	rVV	2521094	3701123	4.83%	2.476%
33	15.698	2121	2127	2130	rBV	874137	1648050	2.15%	1.103%
34	17.015	2343	2351	2356	rBV	40337369	76650805	100.00%	51.283%
35	17.351	2404	2408	2413	rVB	2520134	3541695	4.62%	2.370%
36	17.451	2421	2425	2429	rBV2	2623777	3609584	4.71%	2.415%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	19.745	2811	2815	2818	rBV	3330233	4442083	5.80%	2.972%
38	20.615	2959	2963	2967	rBV2	2256405	2895647	3.78%	1.937%
39	21.239	3066	3069	3079	rVB2	1031029	1464486	1.91%	0.980%
40	21.445	3100	3104	3111	rVB	4231946	5089744	6.64%	3.405%
41	21.527	3115	3118	3128	rVB	2945902	4437790	5.79%	2.969%
42	23.791	3498	3503	3510	rVB2	2306174	4235490	5.53%	2.834%
43	23.944	3524	3529	3538	rVB	1918989	4105028	5.36%	2.746%
44	25.668	3817	3822	3841	rVB2	1233720	3343357	4.36%	2.237%

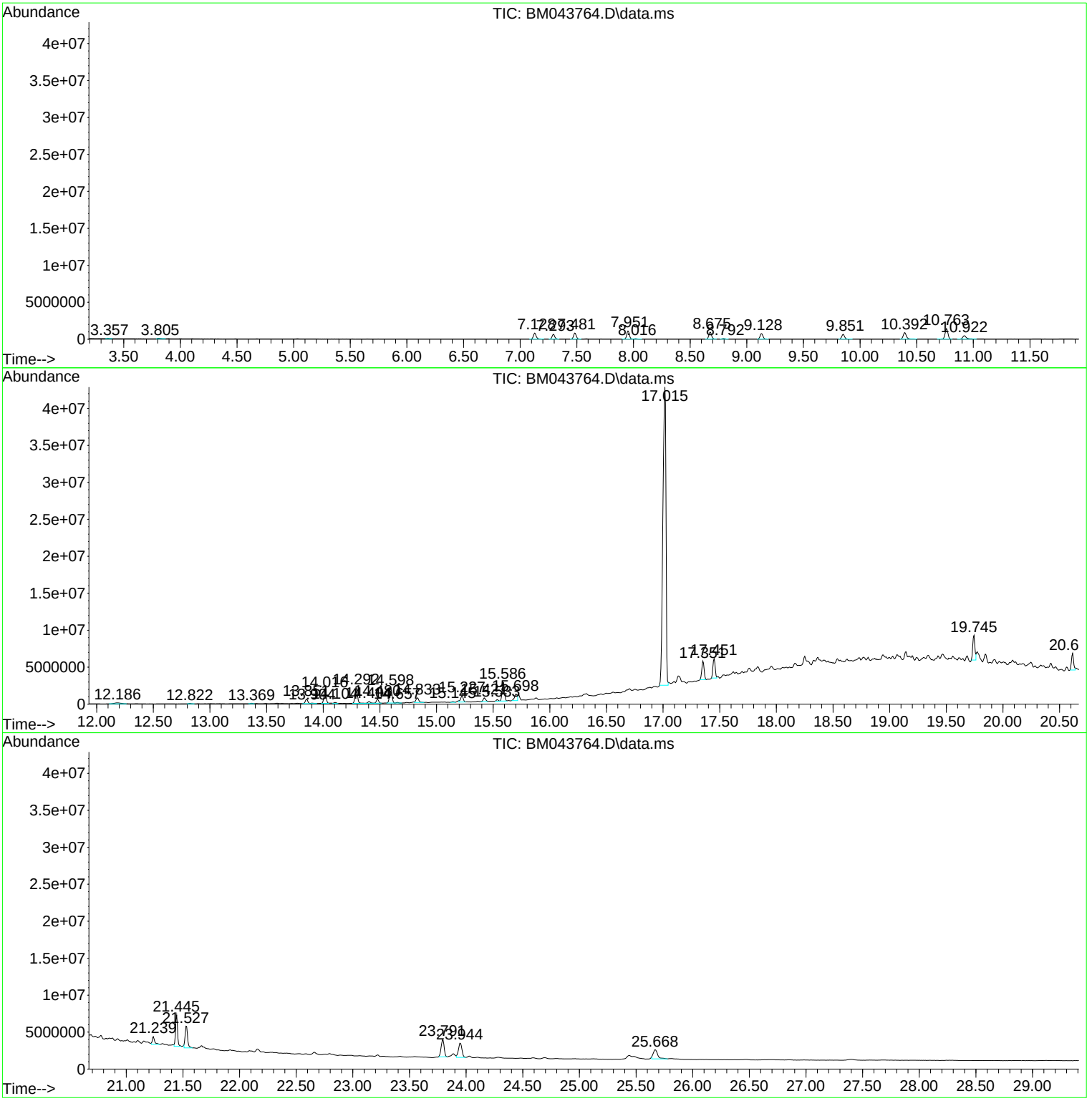
Sum of corrected areas: 149467399

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

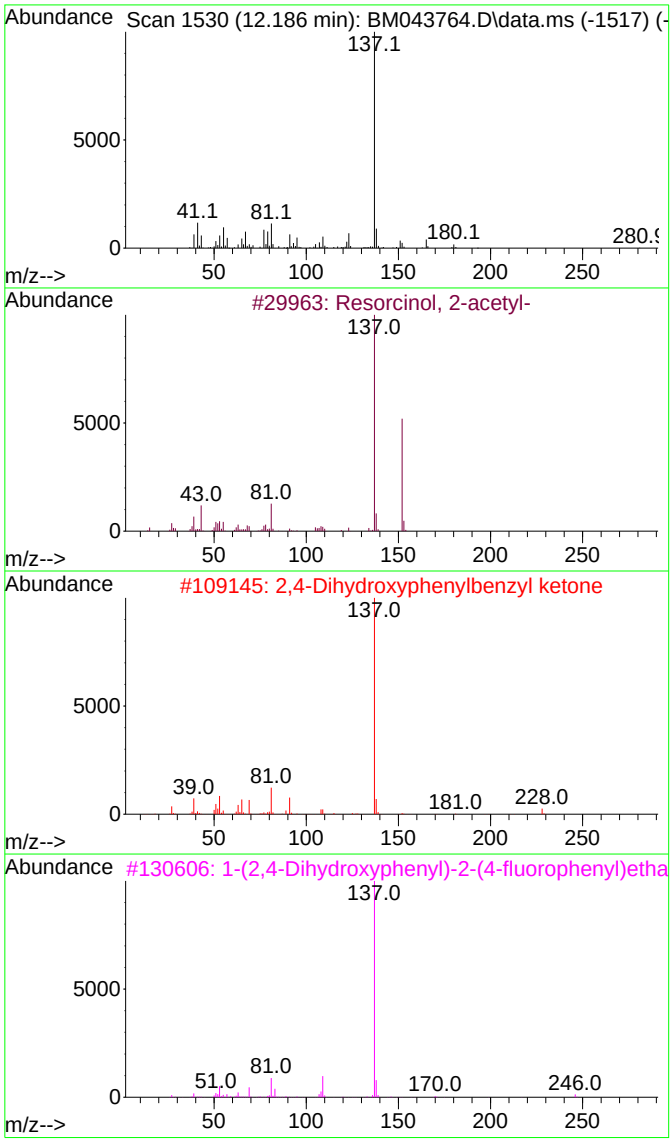
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

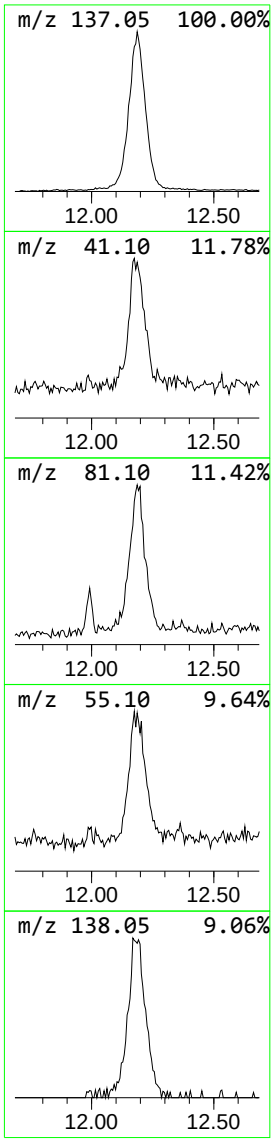
****

Peak Number 1 Resorcinol, 2-acetyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	4.56 ng/ul	551351	Naphthalene-d8	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol, 2-acetyl-	152	C8H8O3	000699-83-2	64
2	2,4-Dihydroxyphenylbenzyl ketone	228	C14H12O3	003669-41-8	59
3	1-(2,4-Dihydroxyphenyl)-2-(4-flu...	246	C14H11FO3	015485-70-8	59
4	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	59
5	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

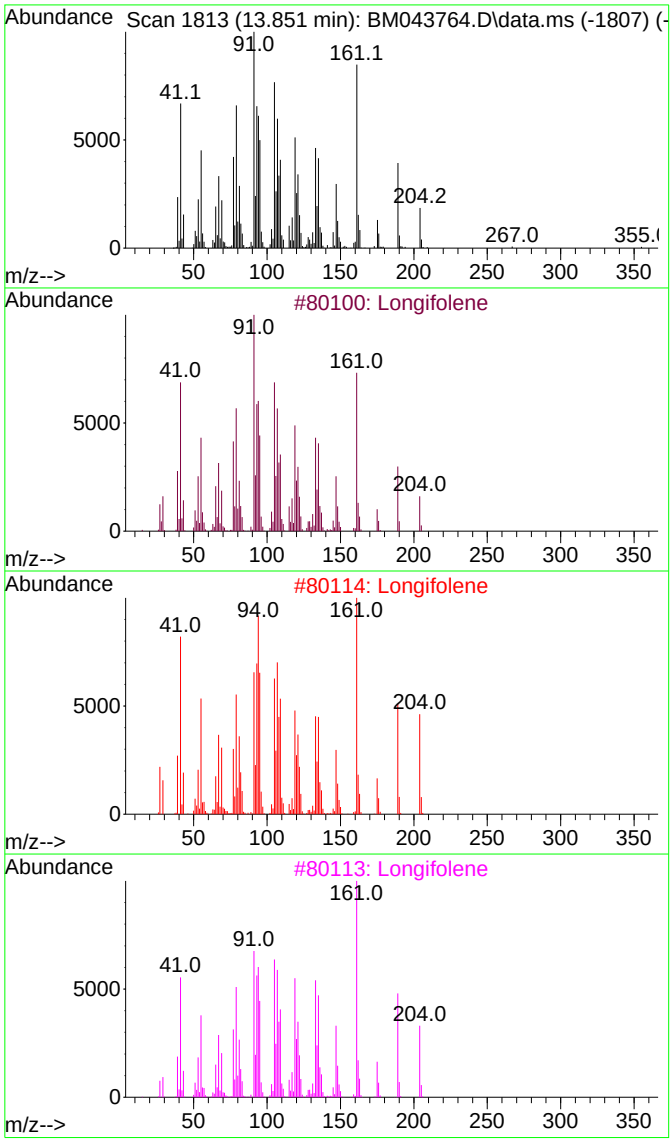
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

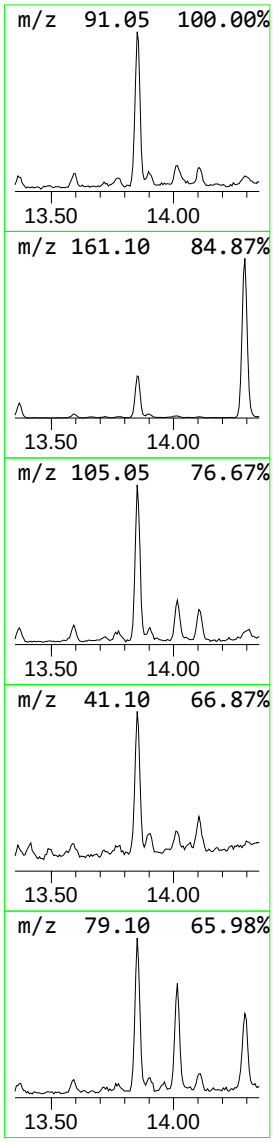
****

Peak Number 2 Longifolene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	5.79 ng/ul	895964	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	99
3	Longifolene	204	C15H24	000475-20-7	99
4	Longifolene	204	C15H24	000475-20-7	97
5	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

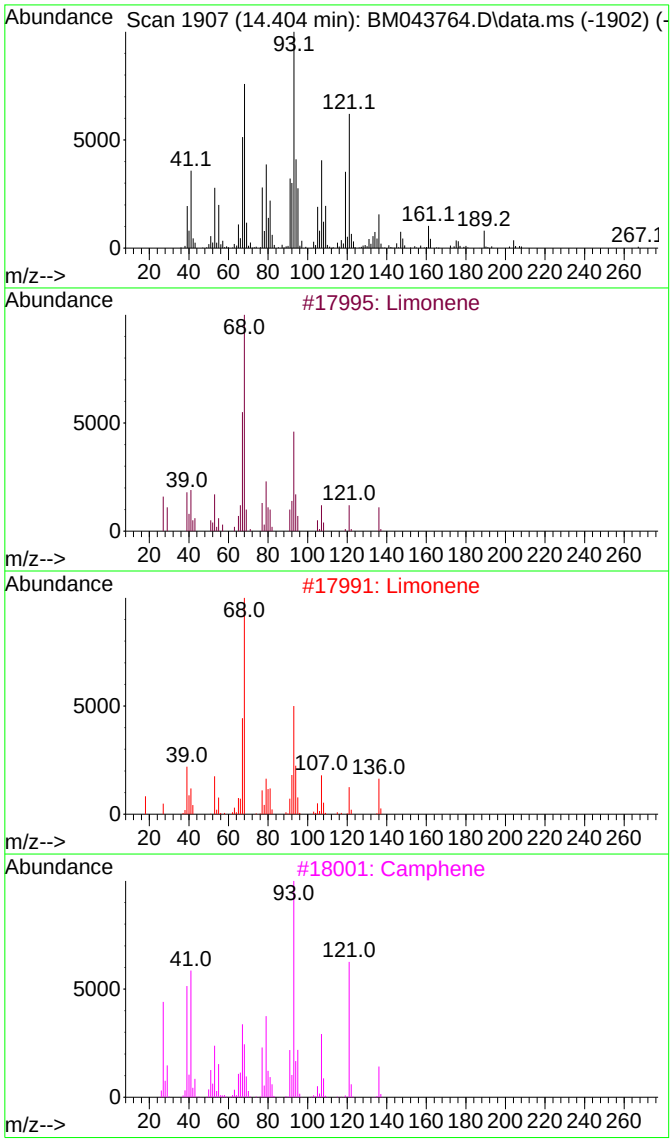
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

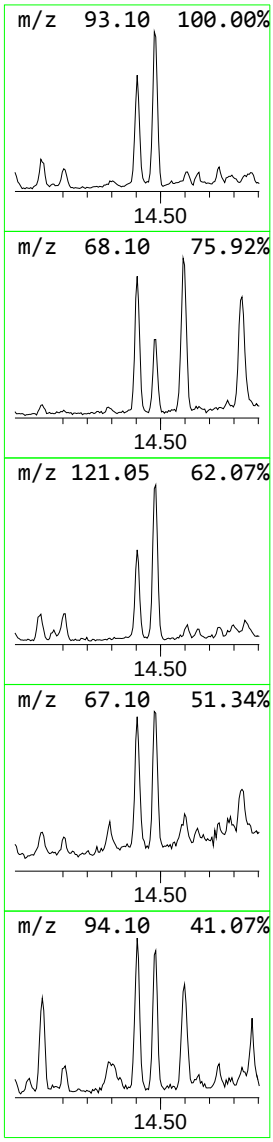
****

Peak Number 3 Limonene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	2.45 ng/ul	378709	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene	136	C10H16	000138-86-3	87
2	Limonene	136	C10H16	000138-86-3	76
3	Camphene	136	C10H16	000079-92-5	60
4	Limonene	136	C10H16	000138-86-3	46
5	Camphene	136	C10H16	000079-92-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

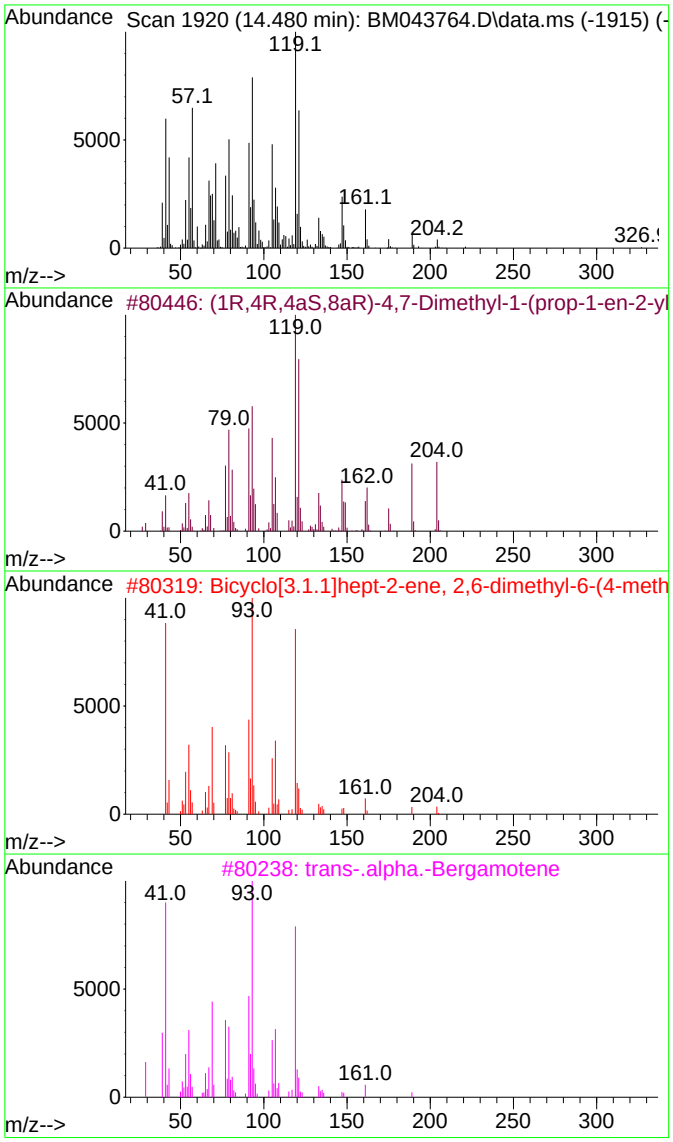
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

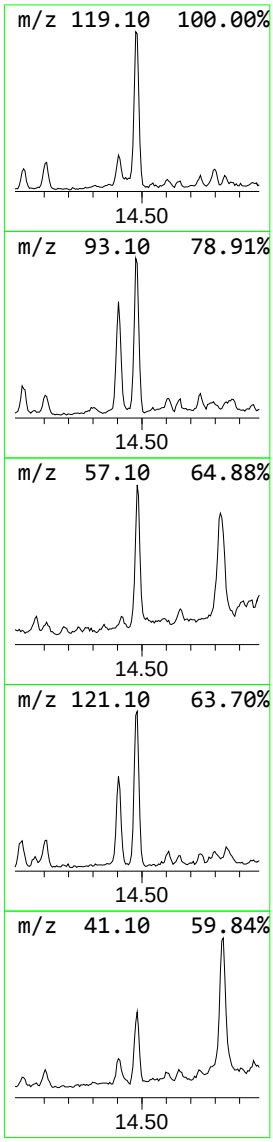
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (1R,4R,4aS,8aR)-4,7-Dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	4.94 ng/ul	763333	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(...	204	C15H24	092692-39-2	93
2	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	64
3	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	52
4	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	52
5	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

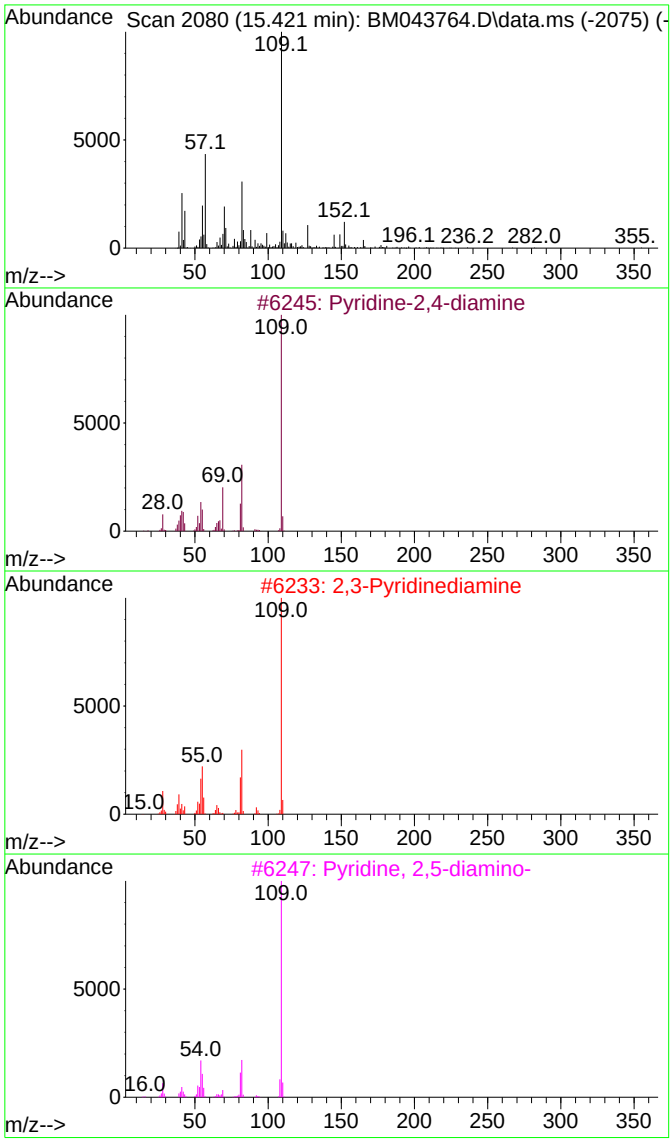
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

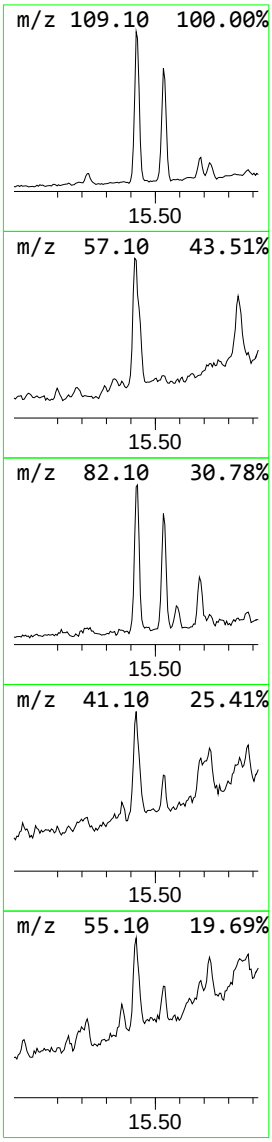
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	5.28 ng/ul	816470	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-2,4-diamine	109	C5H7N3	000461-88-1	47
2	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	47
3	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	43
4	[4-(4-Fluorobenzyl)-2-morpholiny...	224	C12H17FN2O	112914-13-3	43
5	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

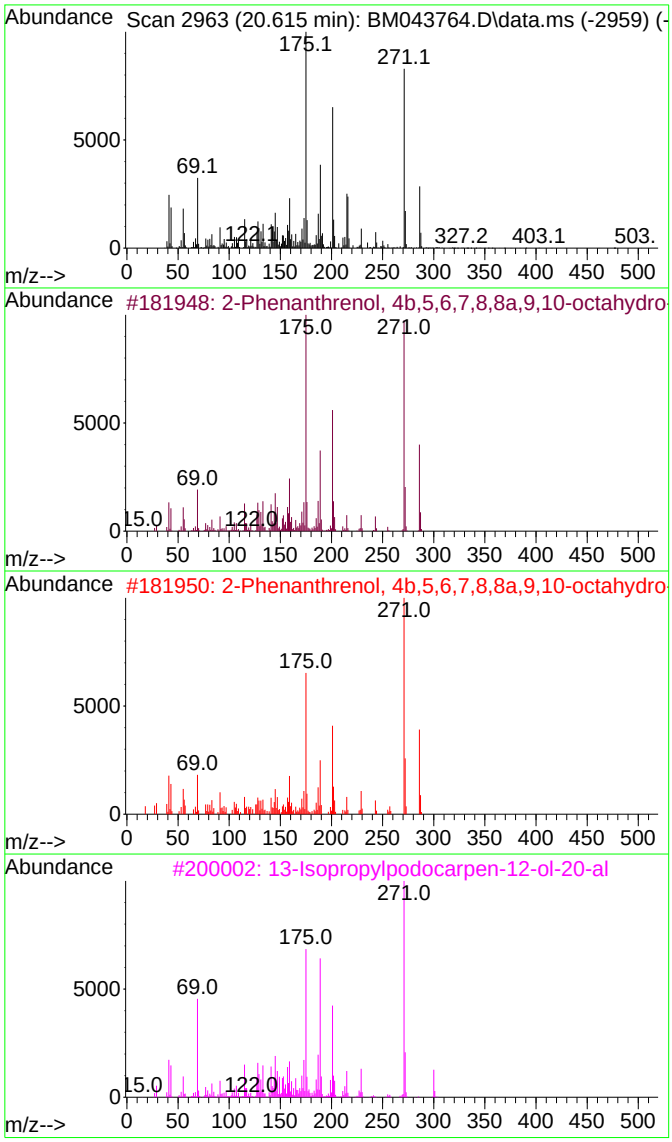
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

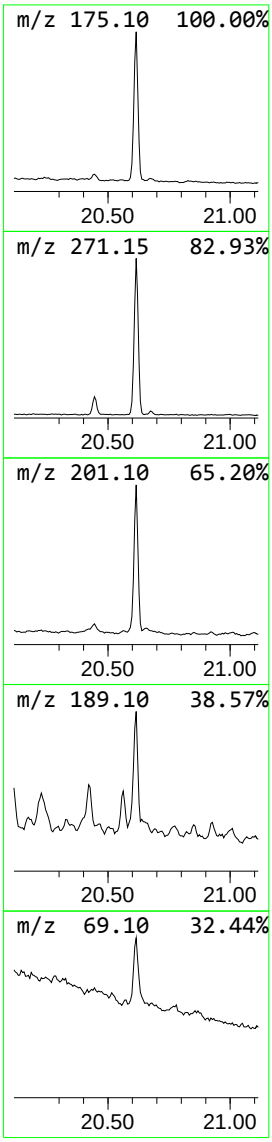
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.615	13.05 ng/ul	2895650	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	91
3	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	60
4	Pisiferol	302	C20H30O2	024035-36-7	38
5	Crinan-1-one	271	C16H17NO3	098301-98-5	35





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Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
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Instrument :
BNA_M
ClientSampleId :
GCF91ME

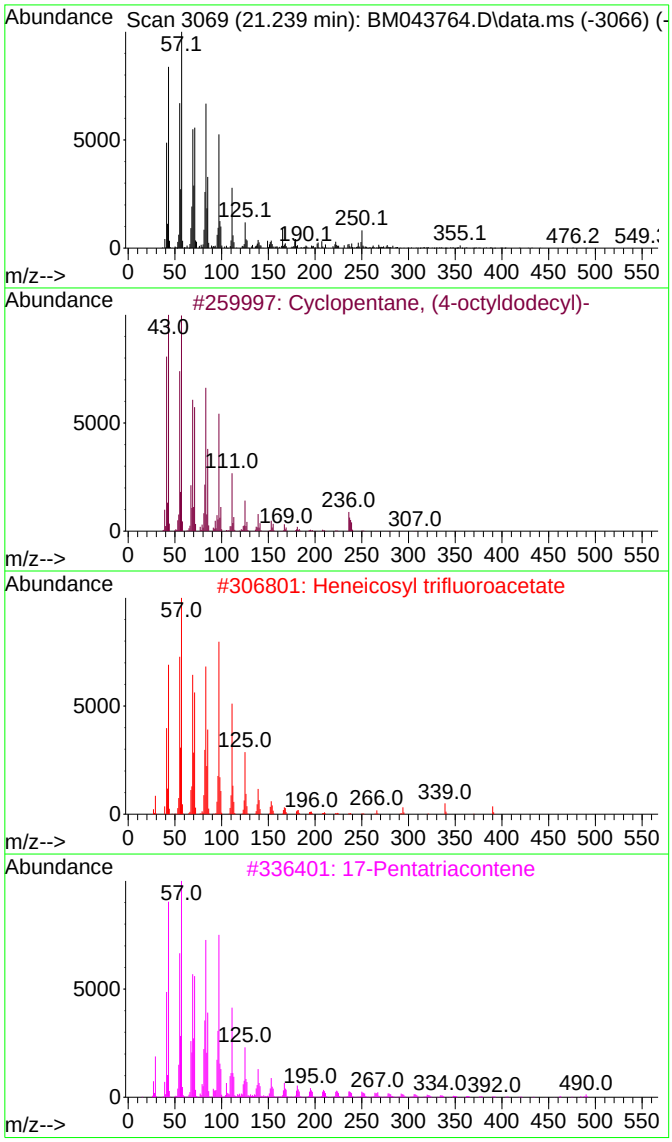
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

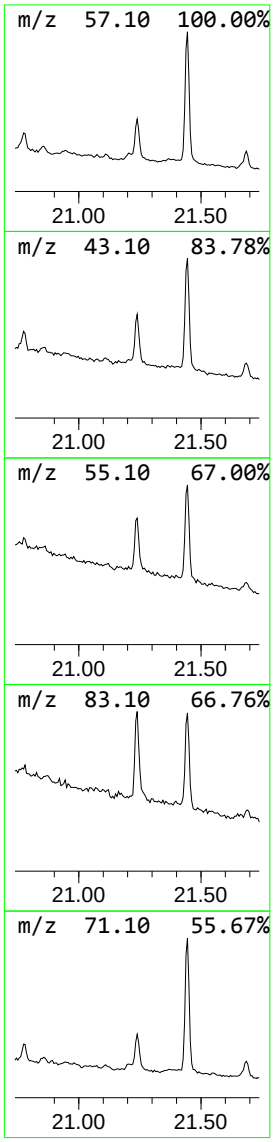
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic21.239 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	6.60 ng/ul	1464490	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	91
2	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

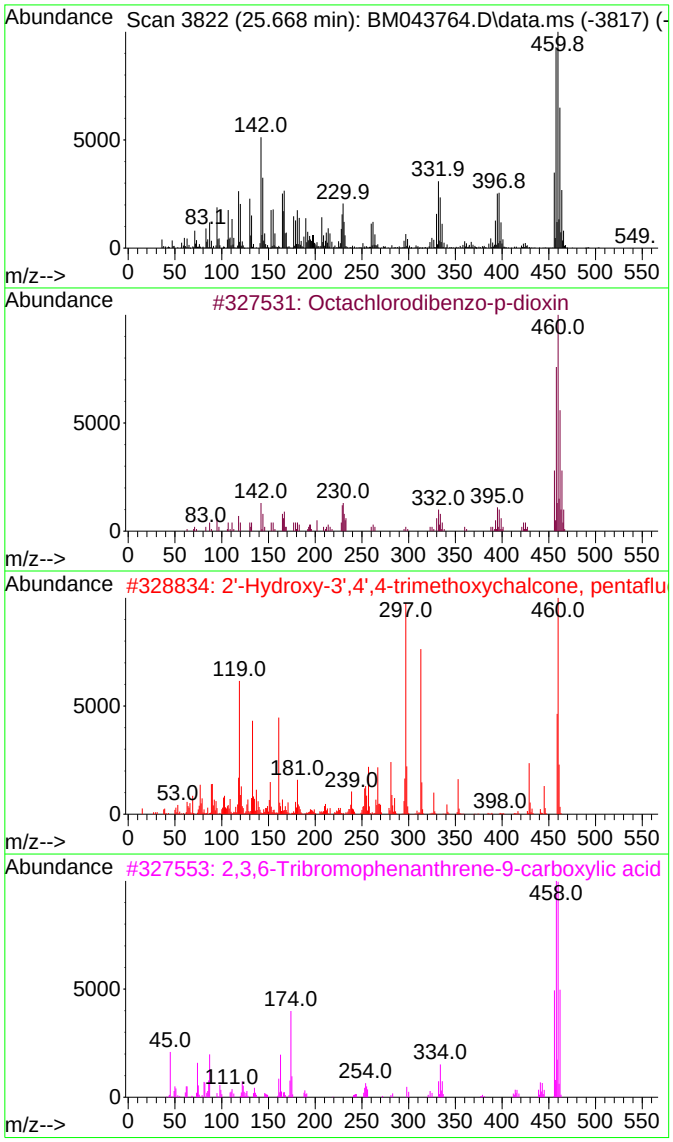
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

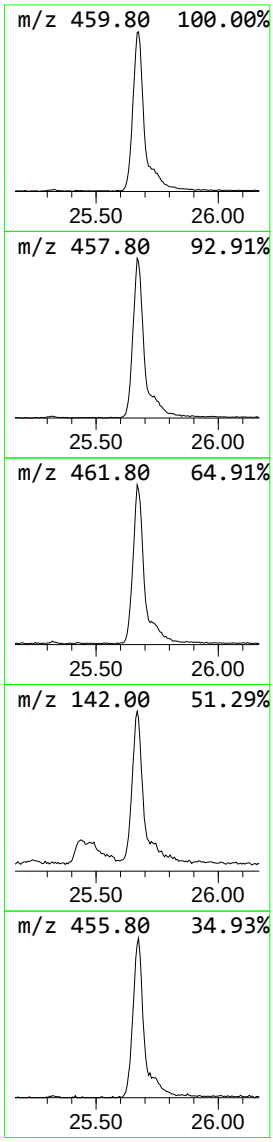
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Octachlorodibenzo-p-dioxin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.668	16.29 ng/ul	3343360	Perylene-d12	23.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	93
2	2'-Hydroxy-3',4',4-trimethoxycha...	460	C21H17F5O6	1000453-83-5	25
3	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	16
4	Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	10
5	1,3,5-Triazine-2,4,6-triamine, N...	460	C27H24N8	033933-66-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010524\
Data File : BM043764.D
Acq On : 05 Jan 2024 17:25
Operator : MA/JU
Sample : 05952-08ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF91ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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
Resorcinol, 2-a...	12.186	4.6	ng/ul	551351	2	10.763	2416890	20.0
Longifolene	13.851	5.8	ng/ul	895964	3	14.598	3093260	20.0
Limonene	14.404	2.5	ng/ul	378709	3	14.598	3093260	20.0
(1R,4R,4aS,8aR)...	14.480	4.9	ng/ul	763333	3	14.598	3093260	20.0
unknown-01	15.421	5.3	ng/ul	816470	3	14.598	3093260	20.0
2-Phenanthrenol...	20.615	13.1	ng/ul	2895650	5	21.527	4437790	20.0
(DEL) Alkane: C...	21.239	6.6	ng/ul	1464490	5	21.527	4437790	20.0
Octachlorodiben...	25.668	16.3	ng/ul	3343360	6	23.950	4105030	20.0