LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCDK8

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-BP111023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.110	3	4	10	rVB	60483	58734	2.44%	0.274%
2	3.163	10	13	18	rVB	16979	20820	0.86%	0.097%
3	3.557	78	80	83	rBV4	2931	3049	0.13%	0.014%
4	3.604	84	88	100	rBV	62105	120328	4.99%	0.561%
5	3.775	115	117	122	rVB2	6324	6690	0.28%	0.031%
6	3.899	134	138	150	rVB7	5243	11150	0.46%	0.052%
7	4.422	222	227	232	rVB8	5126	8651	0.36%	0.040%
8	4.681	265	271	272	rBV6	1651	2476	0.10%	0.012%
9	4.781	284	288	291	rBV6	2351	2969	0.12%	0.014%
10	6.457	570	573	577	rBV6	1339	2503	0.10%	0.012%
11	6.963	651	659	673	rBV2	48052	118893	4.93%	0.554%
12	7.134	682	688	700	rBV	268747	418726	17.38%	1.952%
13	7.304	711	717	737	rBV	267646	476883	19.79%	2.223%
14	7.781	791	798	813	rBV	317462	558803	23.19%	2.605%
15	8.516	916	923	942	rBV	163260	348358	14.46%	1.624%
16	8.987	997	1003	1023	rBV	303942	590684	24.51%	2.754%
17	9.704	1118	1125	1147	rBV	254143	508437	21.10%	2.370%
18	10.234	1208	1215	1239	rBV	280168	638480	26.50%	2.977%
19	10.598	1268	1277	1290	rBV	405664	693928	28.80%	3.235%
20	10.786	1302	1309	1332	rBV	167425	438036	18.18%	2.042%
21	11.416	1409	1416	1417	rBV7	2706	5160	0.21%	0.024%
22	11.492	1425	1429	1433	rBV7	1707	3711	0.15%	0.017%
23	12.245	1551	1557	1565	rBV7	3219	9510	0.39%	0.044%
24	13.304	1730	1737	1746	rBV3	23881	42865	1.78%	0.200%
25	13.427	1754	1758	1762	rVB7	1600	2444	0.10%	0.011%
26	13.675	1794	1800	1804	rBV	68190	110735	4.60%	0.516%
27	13.722	1804	1808	1828	rVV4	35547	140548	5.83%	0.655%
28	13.886	1828	1836	1851	rVV	762625	1093239	45.37%	5.097%
29	14.163	1876	1883	1898	rBV	773413	1142188	47.40%	5.325%
30	14.463	1927	1934	1949	rBV	573656	842394	34.96%	3.927%
31	14.816	1986	1994	1997	rBV7	7508	17470	0.72%	0.081%
32	15.104	2040	2043	2047	rBV3	6173	8242	0.34%	0.038%
33	15.463	2097	2104	2112	rBV	1002346	1518087	63.00%	7.078%
34	15.627	2126	2132	2144	rBV	260119	466704	19.37%	2.176%
35	15.710	2144	2146	2154	rVB7	10259	19291	0.80%	0.090%
36	15.880	2170	2175	2179	rBV	11510	15207	0.63%	0.071%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

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-BP111023.MA.M
Title : SVOA CALIBRATION

37	15.927	2179	2183	2187	rVV3	7460	11184	0.46%	0.052%
38	15.963	2187	2189	2193	rVB4	2817	3227	0.13%	0.015%
39	16.180	2222	2226	2231	rBV	23264	31905	1.32%	0.149%
40	16.274	2237	2242	2247	rBV	69407	103601	4.30%	0.483%
41	16.333	2247	2252	2258	rVV3	84117	182249	7.56%	0.850%
42	16.398	2258	2263	2267	rVV3	77084	131628	5.46%	0.614%
43	16.439	2267	2270	2275	rVV	46580	64183	2.66%	0.299%
44	16.498	2275	2280	2282	rVV	24128	39060	1.62%	0.182%
45	16.521	2282	2284	2286	rVV	21349	24489	1.02%	0.114%
46	16.545	2286	2288	2292	rVV	24508	29028	1.20%	0.135%
47	16.598	2292	2297	2304	rVV4	54236	106358	4.41%	0.496%
48	16.669	2304	2309	2314	rVV	69816	110730	4.60%	0.516%
49	16.716	2314	2317	2319	rVV4	20583	30589	1.27%	0.143%
50	16.745	2319	2322	2331	rVB	38273	53787	2.23%	0.251%
51	16.880	2343	2345	2348	rVB4	3393	3398	0.14%	0.016%
52	16.916	2348	2351	2355	rBV5	4213	5844	0.24%	0.027%
53	17.080	2377	2379	2382	rVB4	2813	2657	0.11%	0.012%
54	17.245	2401	2407	2417	rBV	711198	1009775	41.90%	4.708%
55	17.345	2418	2424	2441	rVV	1294586	1826577	75.80%	8.516%
56	17.880	2509	2515	2520	rBV9	12198	18686	0.78%	0.087%
57	18.098	2547	2552	2563	rBV5	22447	48202	2.00%	0.225%
58	18.186	2565	2567	2572	rVB5	4905	7178	0.30%	0.033%
59	18.310	2582	2588	2594	rBV	15753	26741	1.11%	0.125%
60	18.551	2626	2629	2630	rBV2	2366	2726	0.11%	0.013%
61	18.692	2651	2653	2658	rVV6	2408	2929	0.12%	0.014%
62	19.168	2731	2734	2739	rBV4	14372	22168	0.92%	0.103%
63	19.233	2739	2745	2746	rBV6	14419	20198	0.84%	0.094%
64	19.345	2760	2764	2771	rBV6	16145	29492	1.22%	0.137%
65	19.474	2784	2786	2789	rBV3	7326	7864	0.33%	0.037%
66	19.604	2802	2808	2820	rBV	1646475	2196092	91.13%	10.239%
67	21.374	3104	3109	3121	rBV	856149	1186952	49.26%	5.534%
68	23.680	3494	3501	3512	rVB2	1222406	2409726	100.00%	11.235%
69	23.845	3522	3529	3543	rVB	582964	1233230	51.18%	5.750%

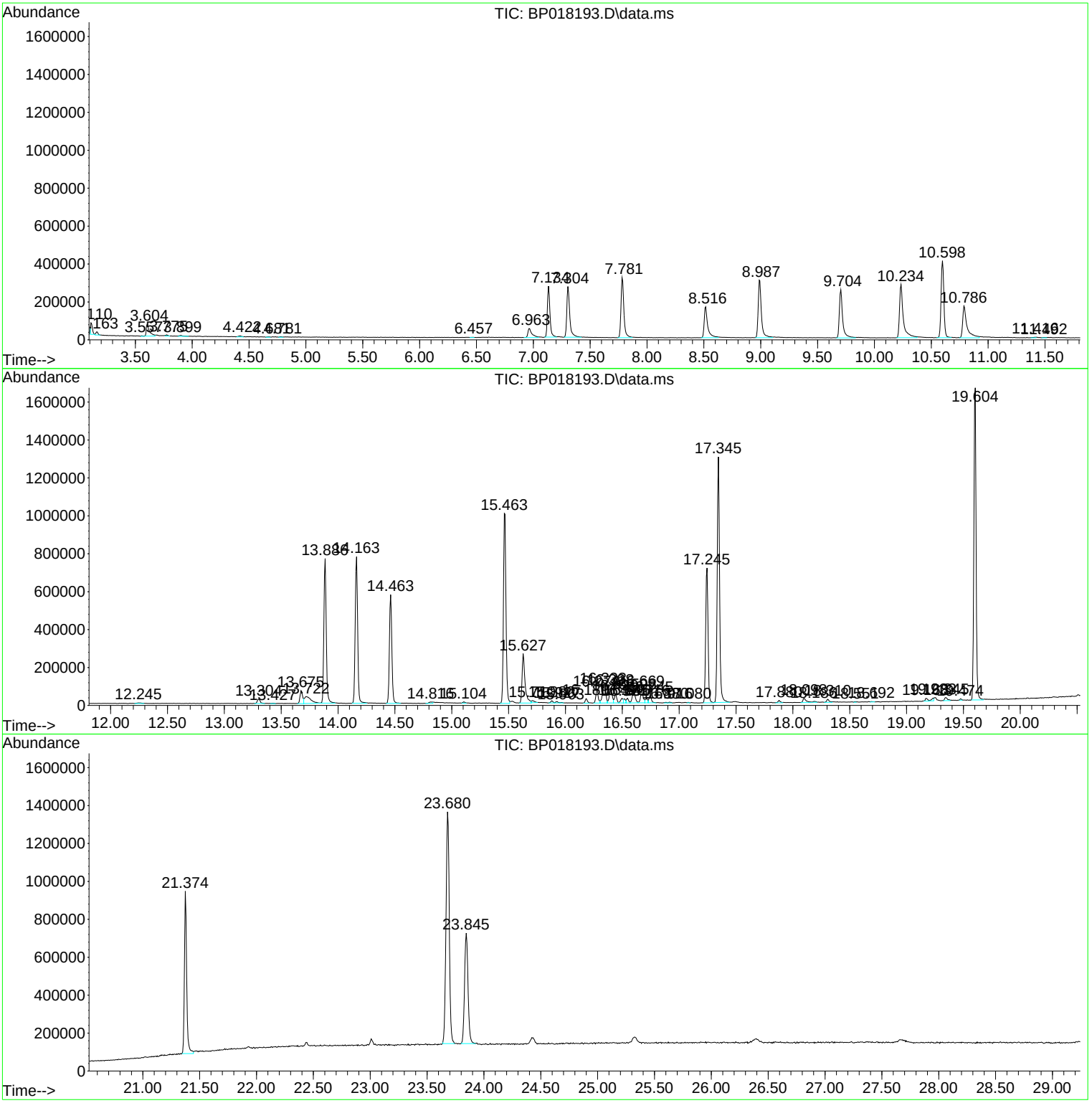
Sum of corrected areas: 21448846

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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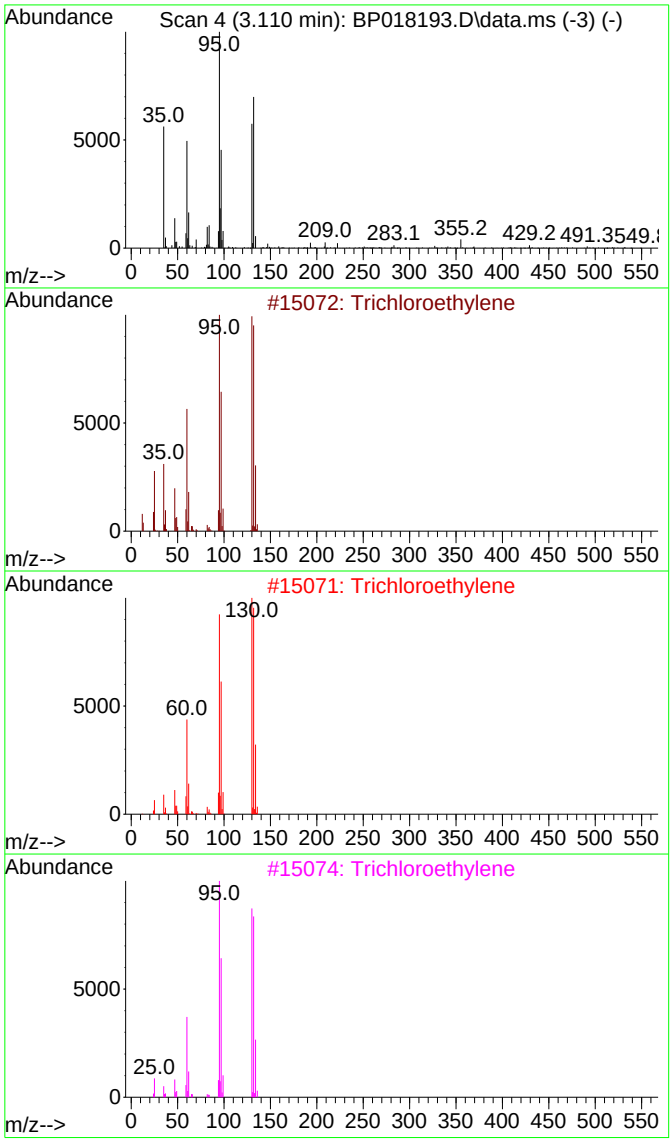
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

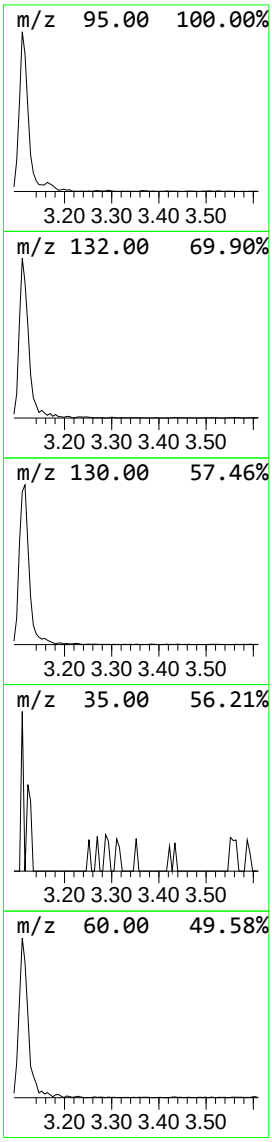
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Trichloroethylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	2.10 ng/ul	58734	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	62
2	Trichloroethylene	130	C2HCl3	000079-01-6	50
3	Trichloroethylene	130	C2HCl3	000079-01-6	50
4	Trichloroethylene	130	C2HCl3	000079-01-6	38
5	Trichloroethylene	130	C2HCl3	000079-01-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

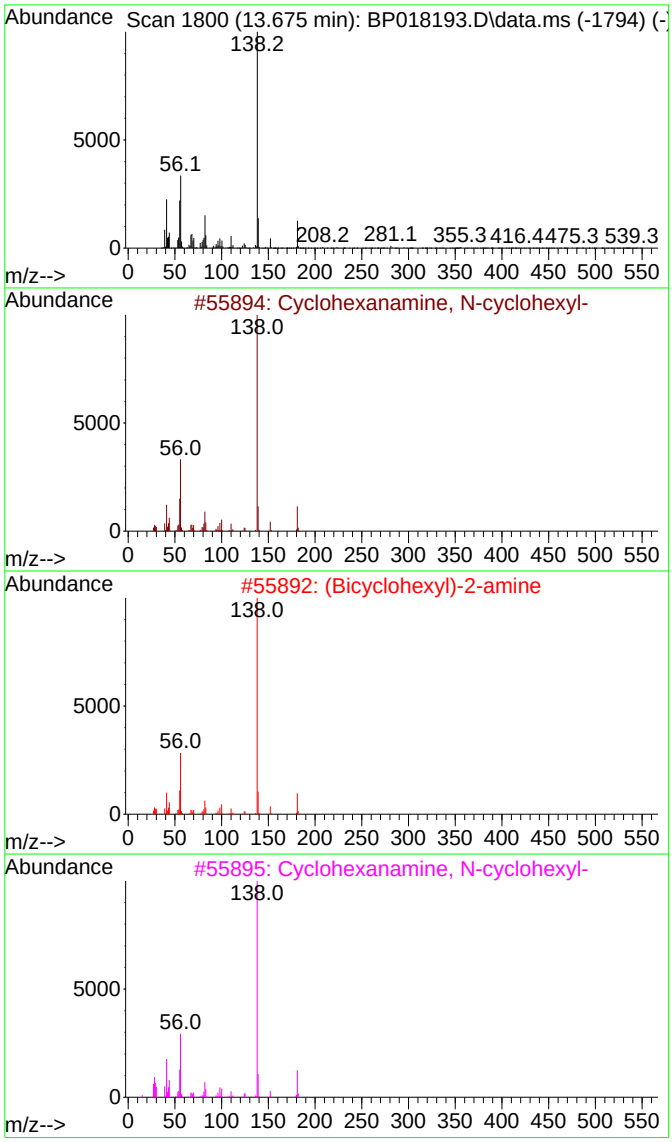
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

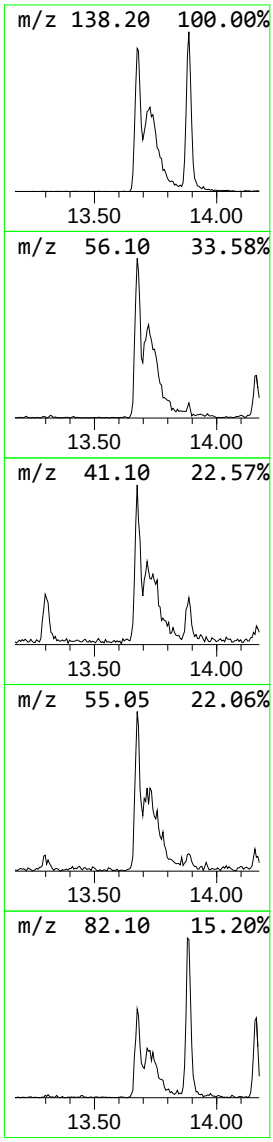
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanamine, N-cyclohexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	2.63 ng/ul	110735	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	94
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	90
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	90
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	86
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

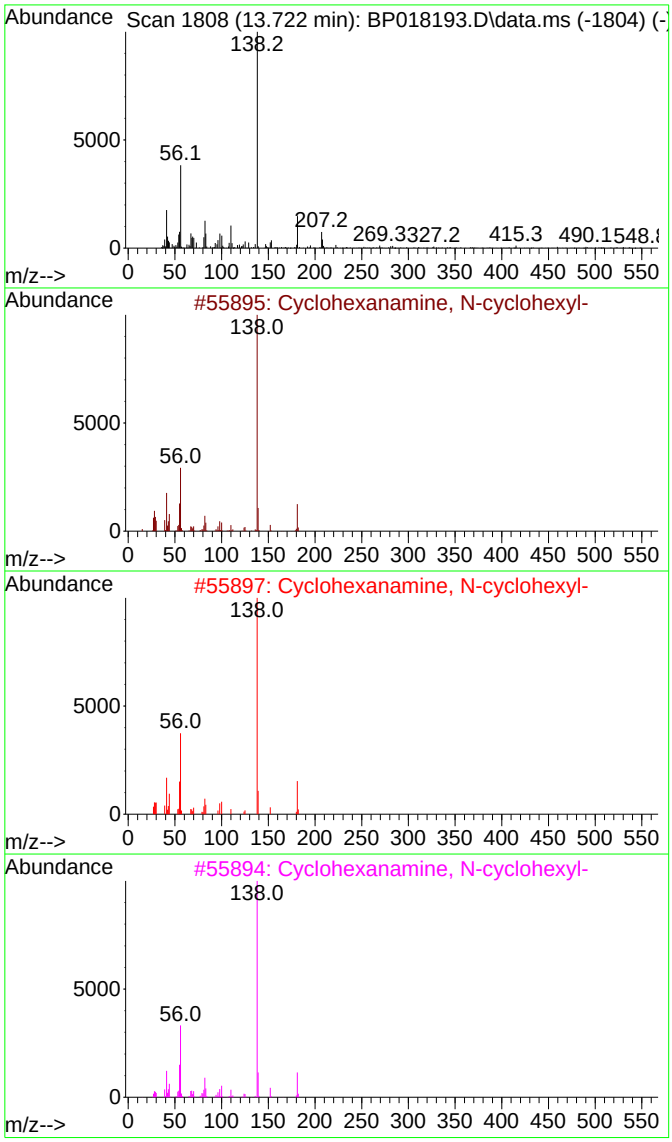
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

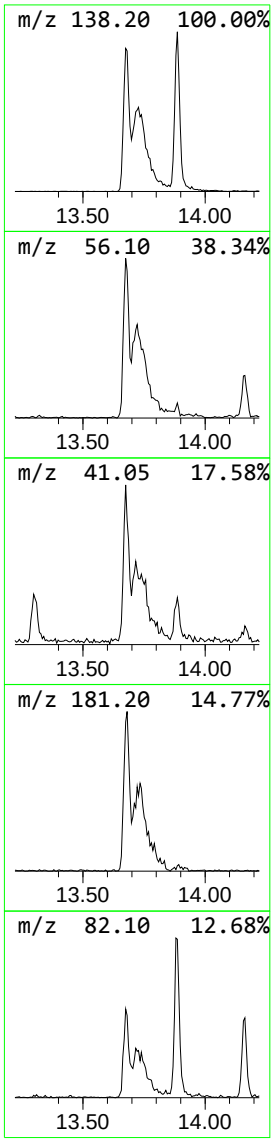
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	3.34 ng/ul	140548	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	87
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	83
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	83
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	83
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

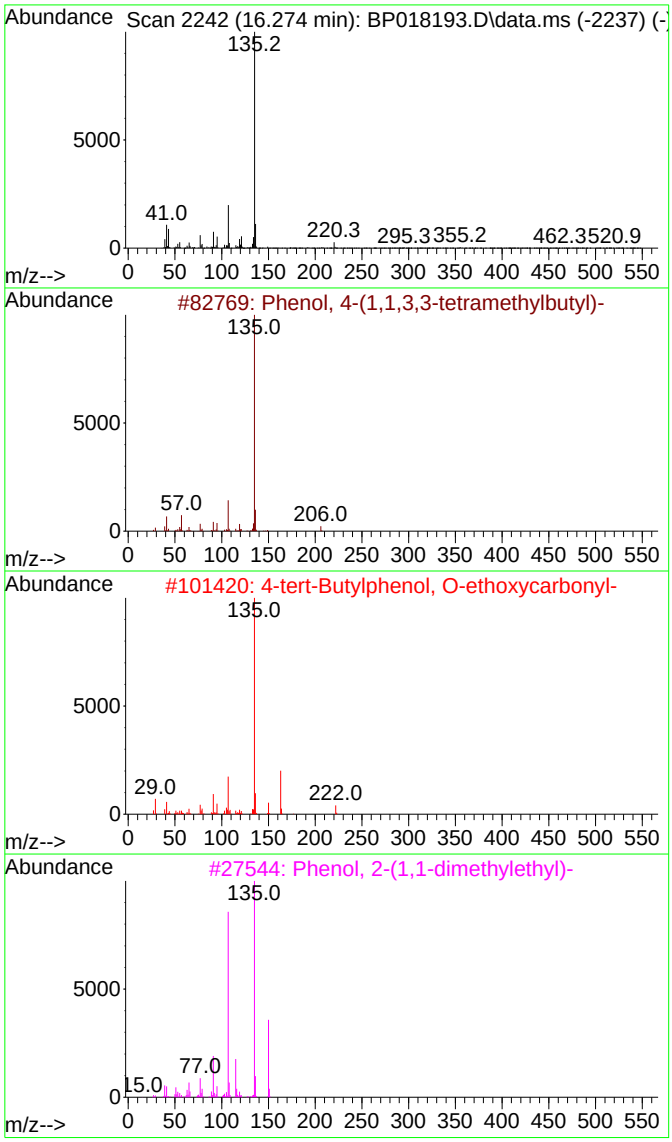
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

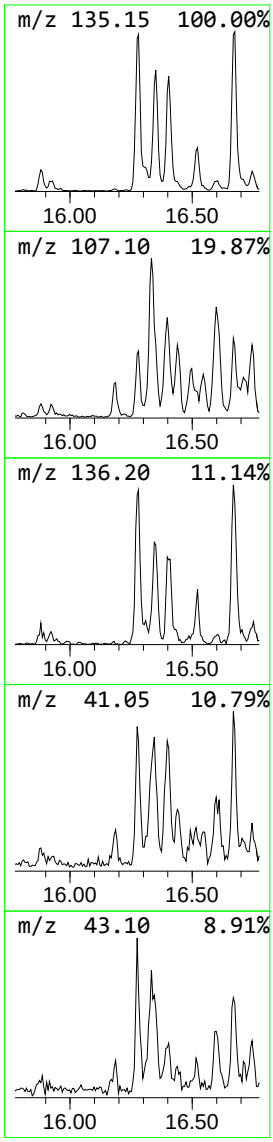
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.274	2.05 ng/ul	103601	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	4-tert-Butylphenol, O-ethoxycarb...	222	C13H18O3	026177-66-2	78
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4	Hexestrol, O-pentafluoropropionyl-	416	C21H21F5O3	1010365-43-4	72
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

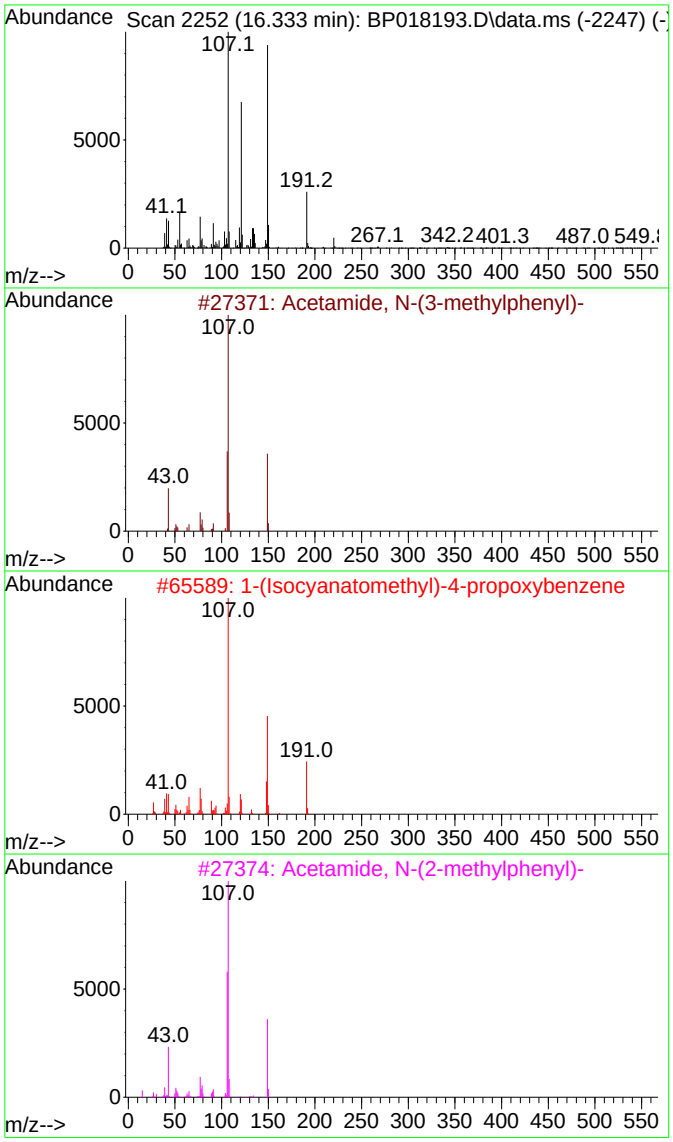
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

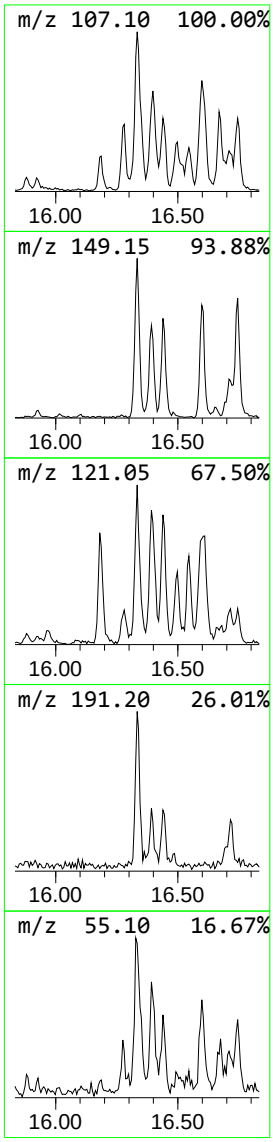
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Acetamide, N-(3-methylphenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	3.61 ng/ul	182249	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	70
2	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	64
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	53
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	46





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Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

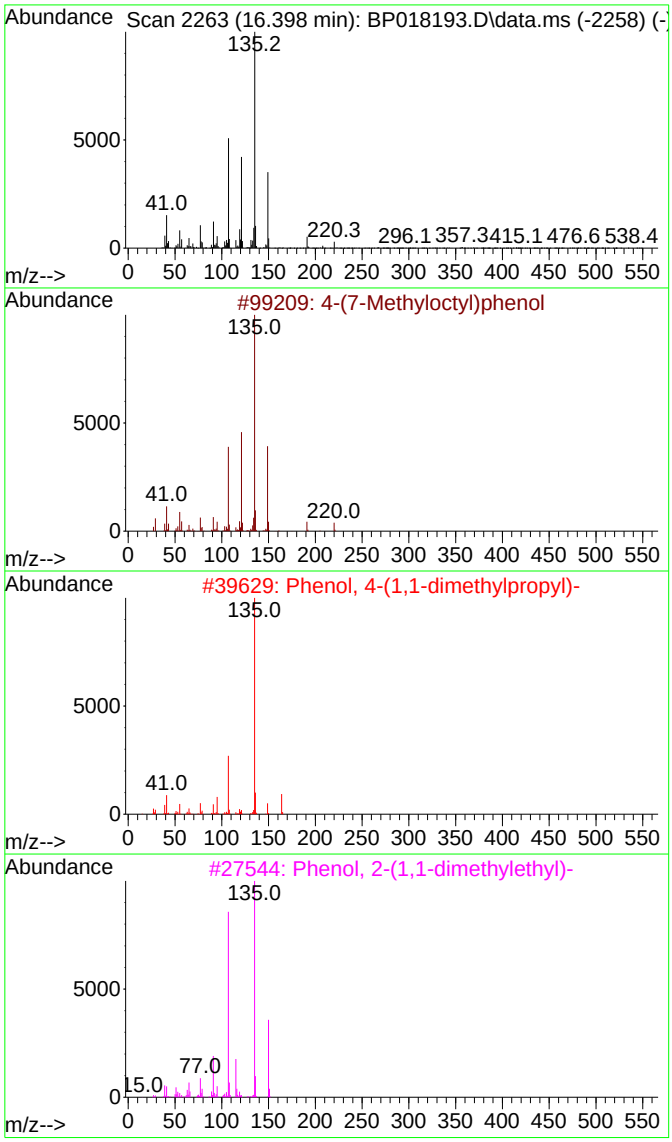
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

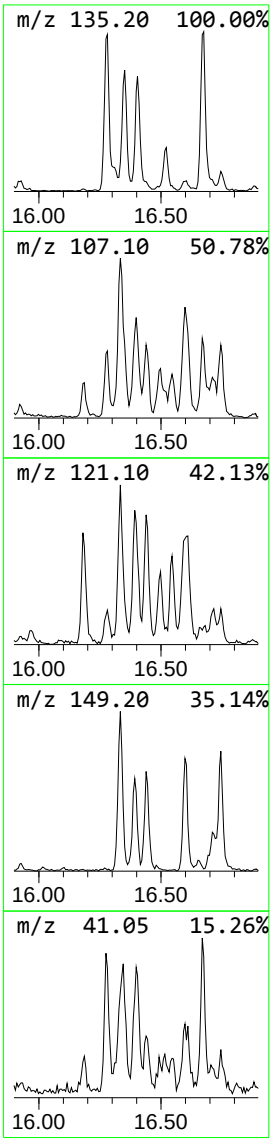
****

Peak Number 6 4-(7-Methyloctyl)phenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	2.61 ng/ul	131628	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	95
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	58
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

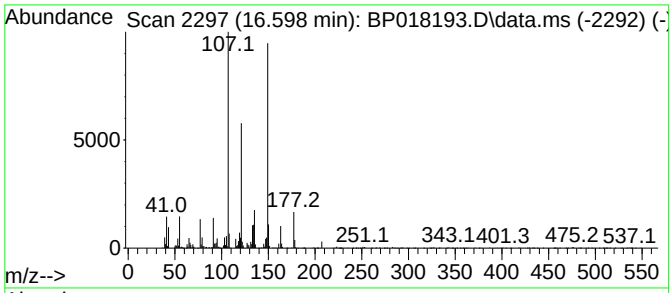
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

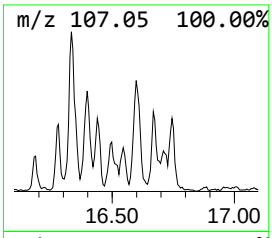
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

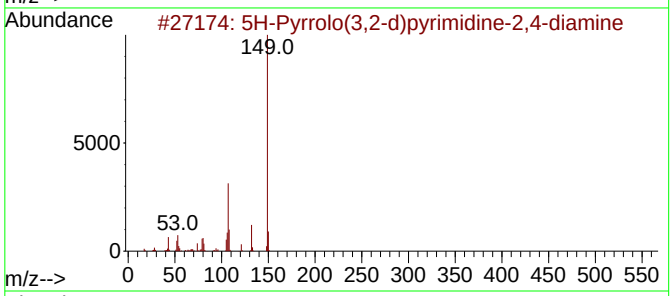
****
Peak Number 7 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 6

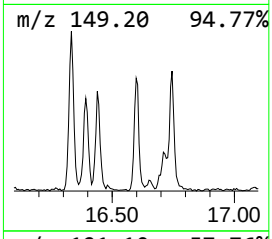
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	2.11 ng/ul	106358	Phenanthrene-d10	17.245

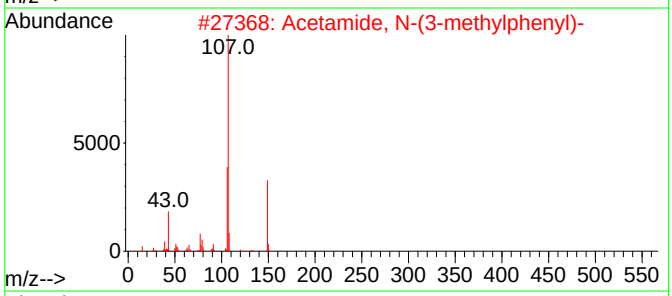
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	43
4	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	38
5	Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	38

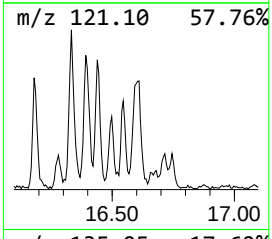


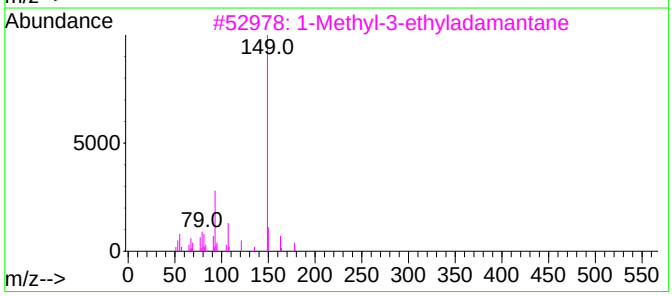


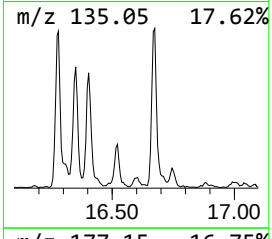


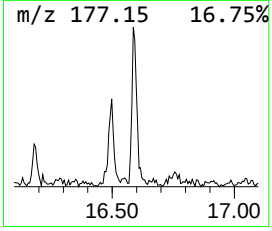












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

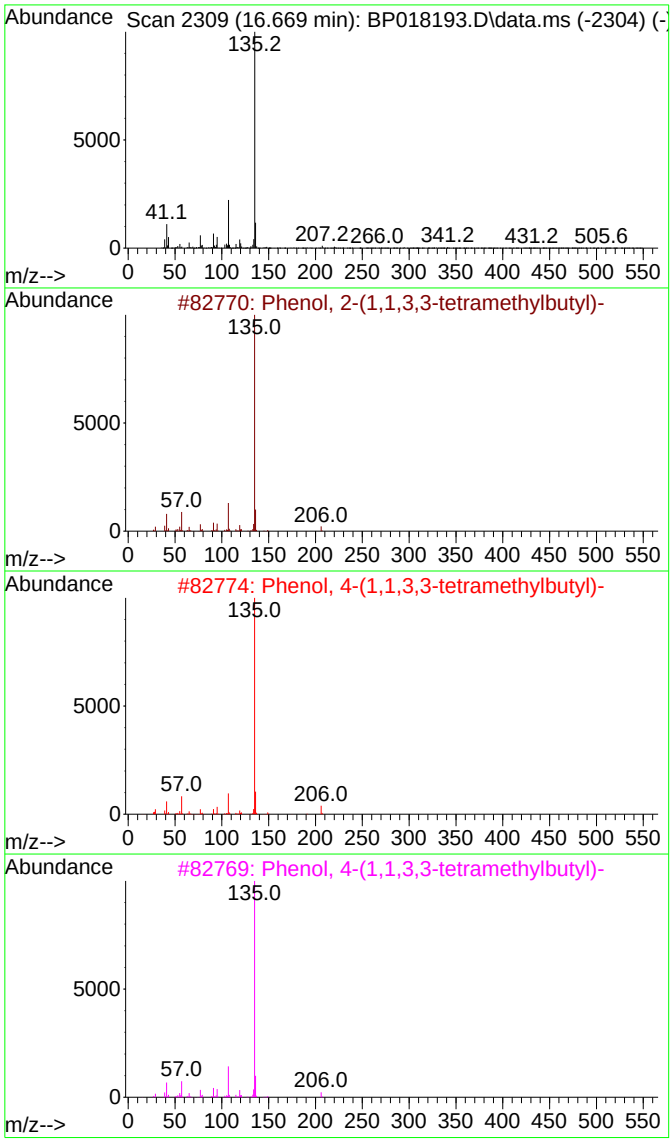
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

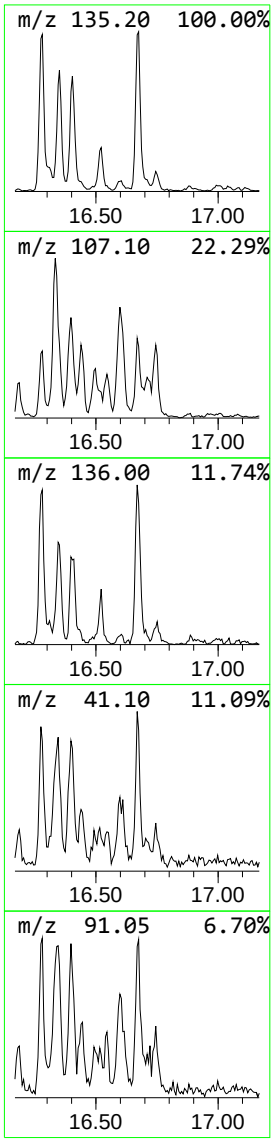
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	2.19 ng/ul	110730	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018193.D
Acq On : 16 Nov 2023 02:43
Operator : MA/JU
Sample : 05338-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCDK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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
Trichloroethylene	3.110	2.1	ng/ul	58734	1	7.781	558803	20.0
Cyclohexanamine...	13.675	2.6	ng/ul	110735	3	14.463	842394	20.0
unknown-01	13.722	3.3	ng/ul	140548	3	14.463	842394	20.0
Phenol, 4-(1,1,...	16.274	2.0	ng/ul	103601	4	17.245	1009780	20.0
Acetamide, N-(3...	16.333	3.6	ng/ul	182249	4	17.245	1009780	20.0
4-(7-Methylocty...	16.398	2.6	ng/ul	131628	4	17.245	1009780	20.0
5H-Pyrrolo(3,2-...	16.598	2.1	ng/ul	106358	4	17.245	1009780	20.0
Phenol, 2-(1,1,...	16.669	2.2	ng/ul	110730	4	17.245	1009780	20.0