LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

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\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.981	129	135	148	rVB	746469	1028573	0.76%	0.484%
2	7.098	657	665	673	rBV	157147	248452	0.18%	0.117%
3	7.298	689	699	706	rBV	200667	323996	0.24%	0.153%
4	7.763	766	778	785	rBV	208865	340085	0.25%	0.160%
5	7.904	795	802	810	rBV	97225	153789	0.11%	0.072%
6	8.469	893	898	905	rVV	142516	230931	0.17%	0.109%
7	8.922	968	975	984	rBV	192957	340808	0.25%	0.160%
8	9.004	984	989	999	rVB	105757	185676	0.14%	0.087%
9	9.275	1025	1035	1040	rBV3	246136	537739	0.40%	0.253%
10	9.510	1063	1075	1080	rBV	500533	908912	0.67%	0.428%
11	9.639	1091	1097	1103	rBV	175022	294231	0.22%	0.139%
12	9.851	1123	1133	1140	rVV2	353324	743416	0.55%	0.350%
13	9.975	1149	1154	1161	rVB	239071	379797	0.28%	0.179%
14	10.181	1181	1189	1202	rBV	238414	454860	0.34%	0.214%
15	10.557	1247	1253	1257	rBV	238165	398680	0.29%	0.188%
16	10.610	1257	1262	1268	rVB2	250471	414345	0.31%	0.195%
17	12.445	1569	1574	1580	rVB	206638	310672	0.23%	0.146%
18	13.286	1703	1717	1721	rBV	27473544	59746948	44.07%	28.131%
19	13.551	1742	1762	1765	rBV2	39278675	135571112	100.00%	63.832%
20	13.822	1803	1808	1814	rVB	402391	571623	0.42%	0.269%
21	14.110	1852	1857	1868	rVB	441783	674356	0.50%	0.318%
22	14.416	1900	1909	1920	rBV	316226	510814	0.38%	0.241%
23	14.686	1950	1955	1960	rVV	416598	600927	0.44%	0.283%
24	15.410	2072	2078	2083	rBV	537172	779818	0.58%	0.367%
25	15.522	2092	2097	2108	rBV	194994	284114	0.21%	0.134%
26	15.622	2109	2114	2122	rVB2	130304	188846	0.14%	0.089%
27	15.774	2134	2140	2154	rVB2	293442	462187	0.34%	0.218%
28	17.163	2371	2376	2382	rVB	370576	527487	0.39%	0.248%
29	17.263	2388	2393	2399	rVB	603817	827518	0.61%	0.390%
30	18.063	2524	2529	2533	rBV3	152014	216847	0.16%	0.102%
31	18.110	2533	2537	2546	rVB2	148026	236675	0.17%	0.111%
32	18.392	2581	2585	2590	rBV	210346	294642	0.22%	0.139%
33	19.504	2769	2774	2779	rVB	728735	962298	0.71%	0.453%
34	21.251	3066	3071	3077	rVB	533522	668693	0.49%	0.315%

LSC Area Percent Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

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\SOM-EPA-BP020821MA.M
Title : SVOA CALIBRATION

35	23.403	3430	3437	3450	rVB	604265	1224183	0.90%	0.576%
36	23.551	3456	3462	3474	rVB	369295	742405	0.55%	0.350%

Sum of corrected areas: 212386455

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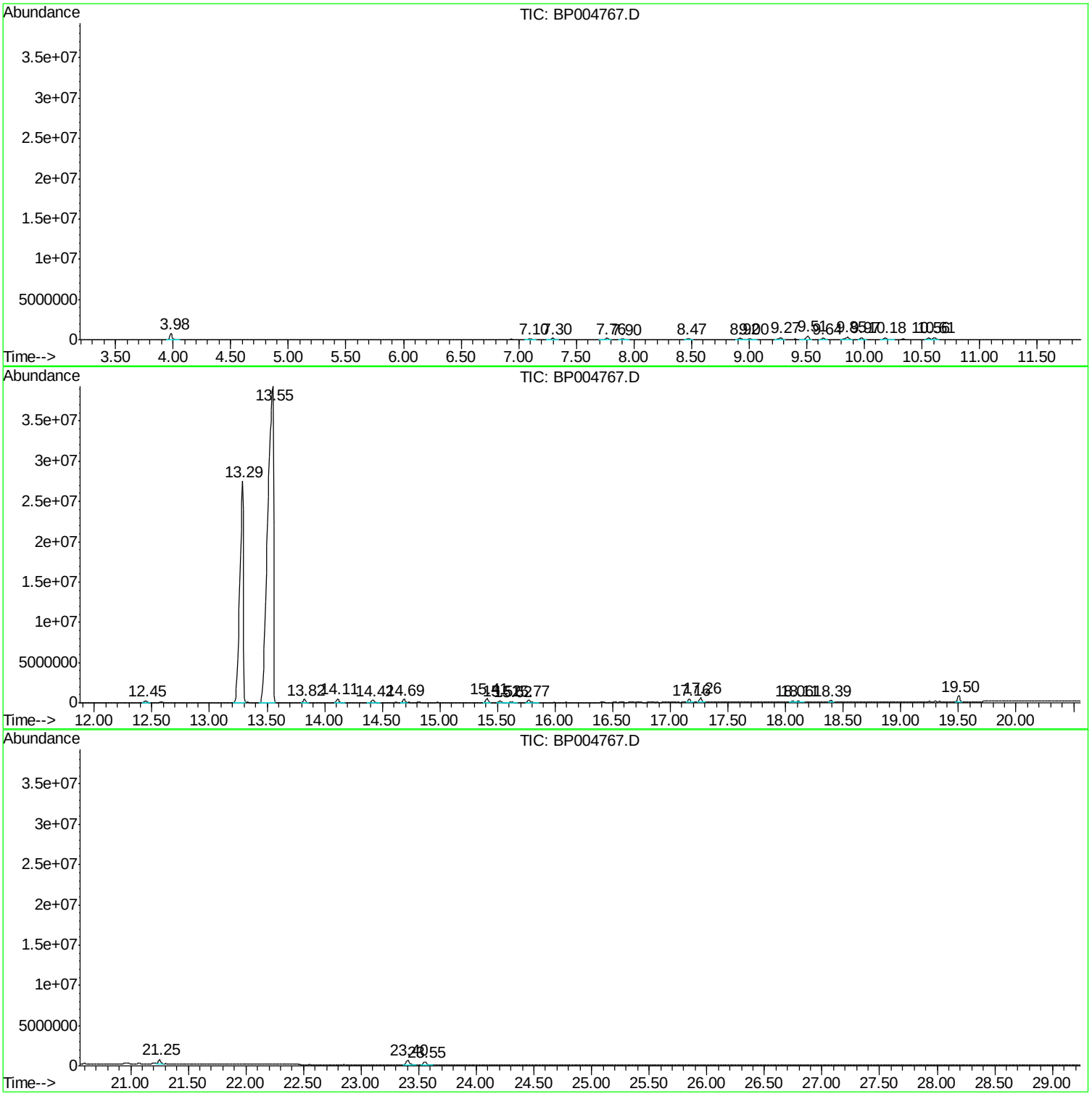
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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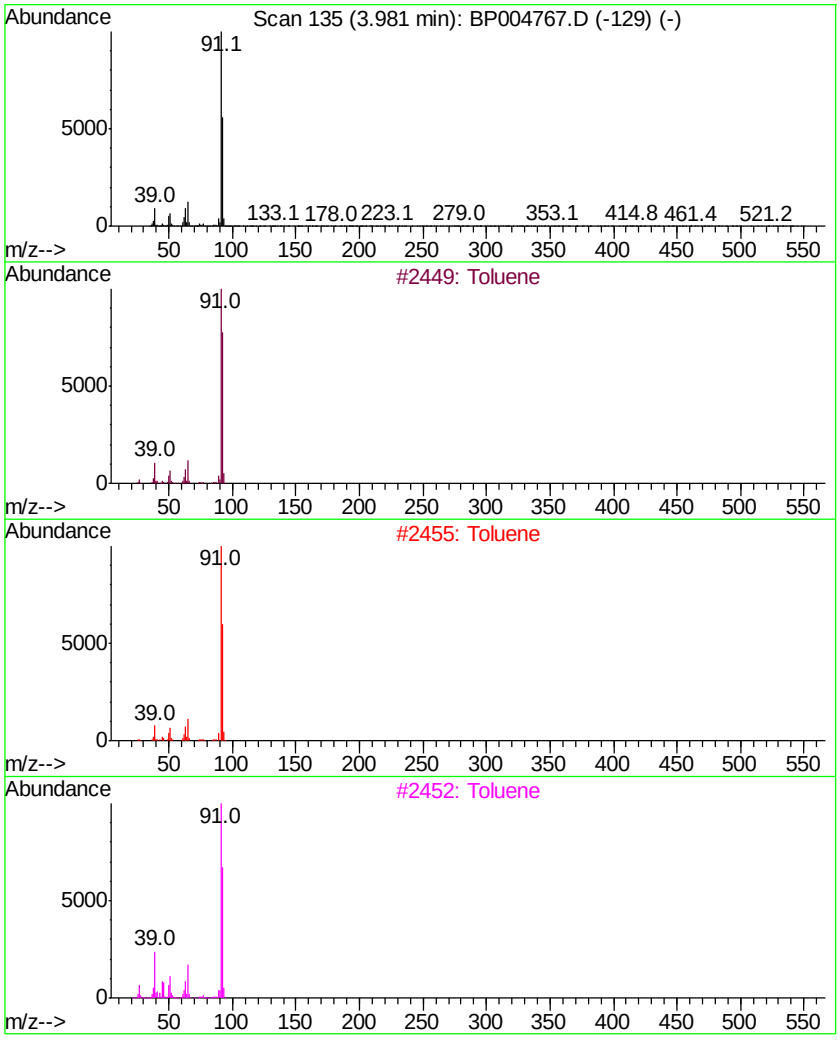
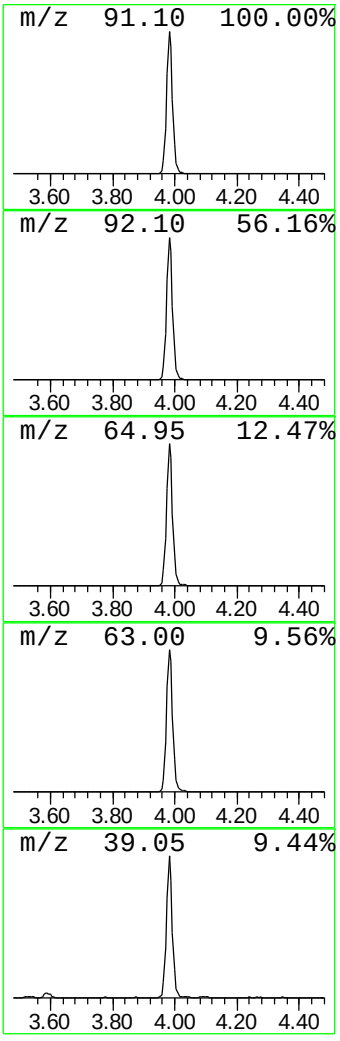
Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	60.49 ng/ul	1028570	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	86





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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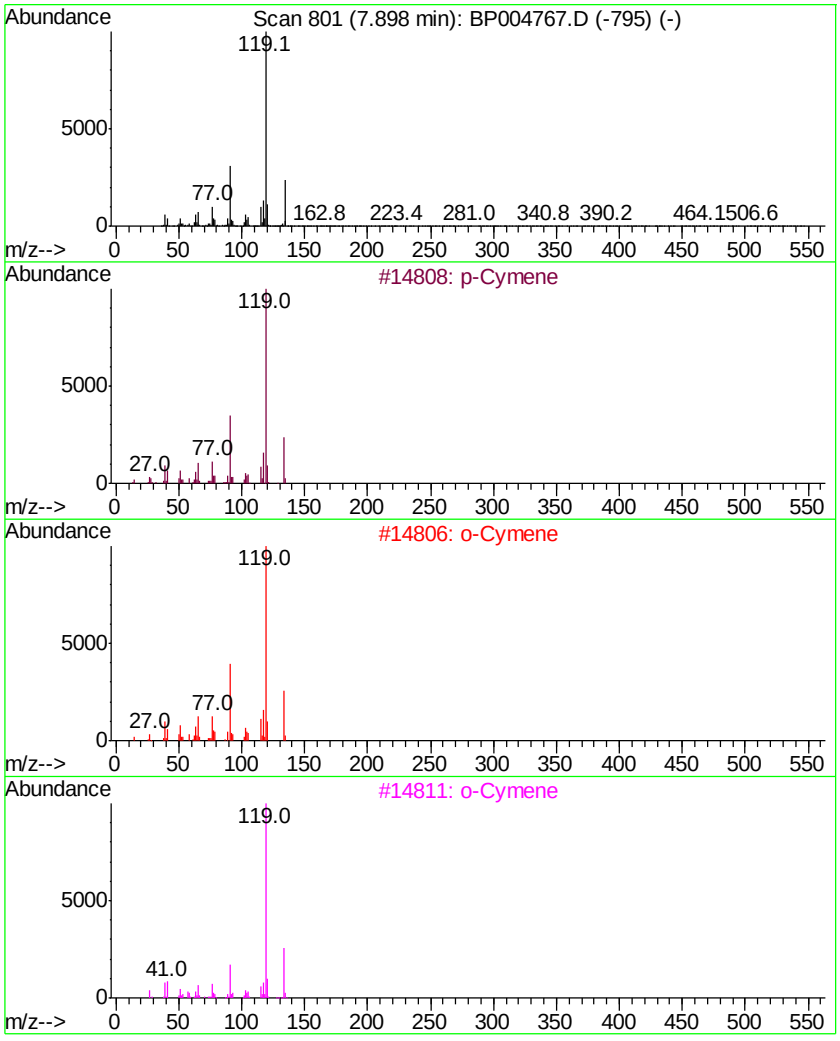
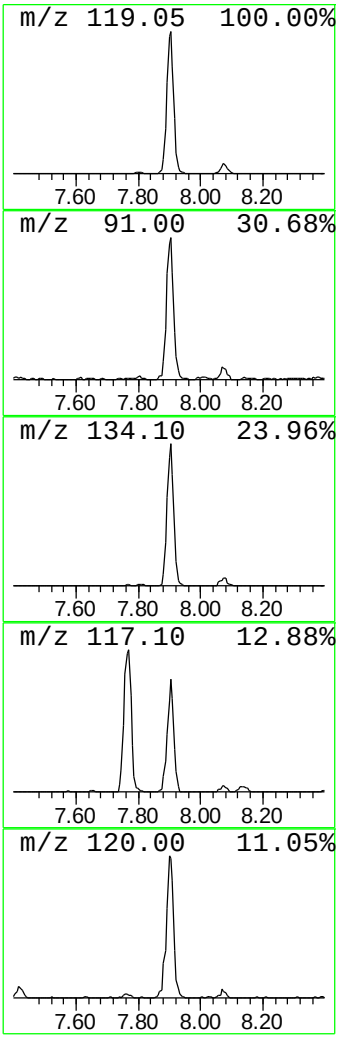
Peak Number 2 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	9.04 ng/ul	153789	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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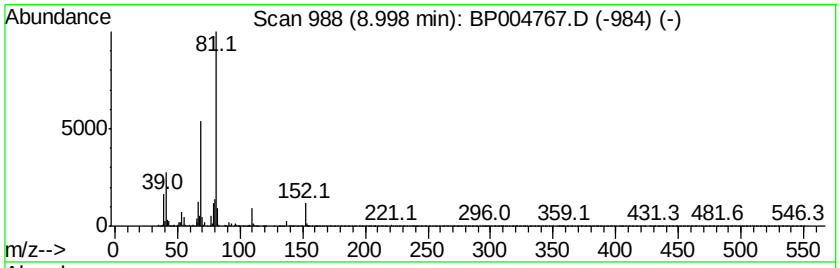
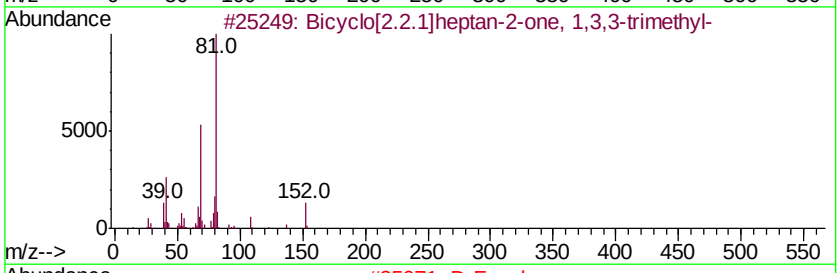
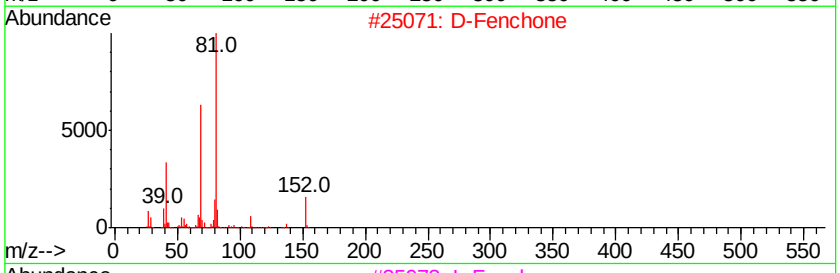
Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 10

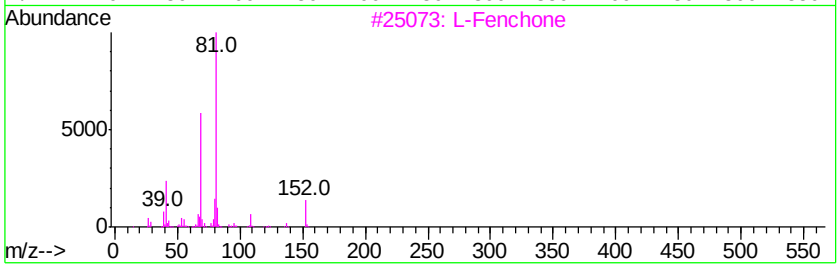
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	10.92 ng/ul	185676	1,4-Dichlorobenzene-d4	7.76

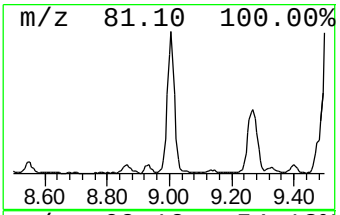
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	D-Fenchone	152	C10H16O	004695-62-9	94
3	L-Fenchone	152	C10H16O	007787-20-4	94
4	L-Fenchone	152	C10H16O	007787-20-4	94
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94

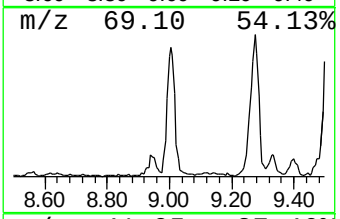


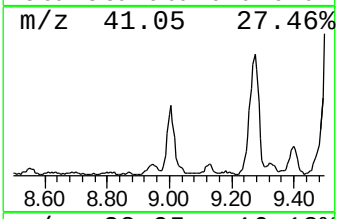


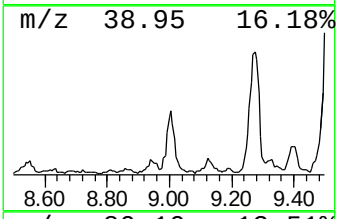


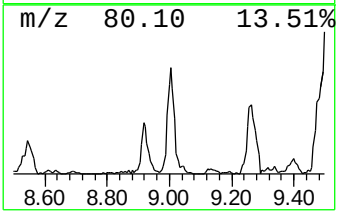












Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

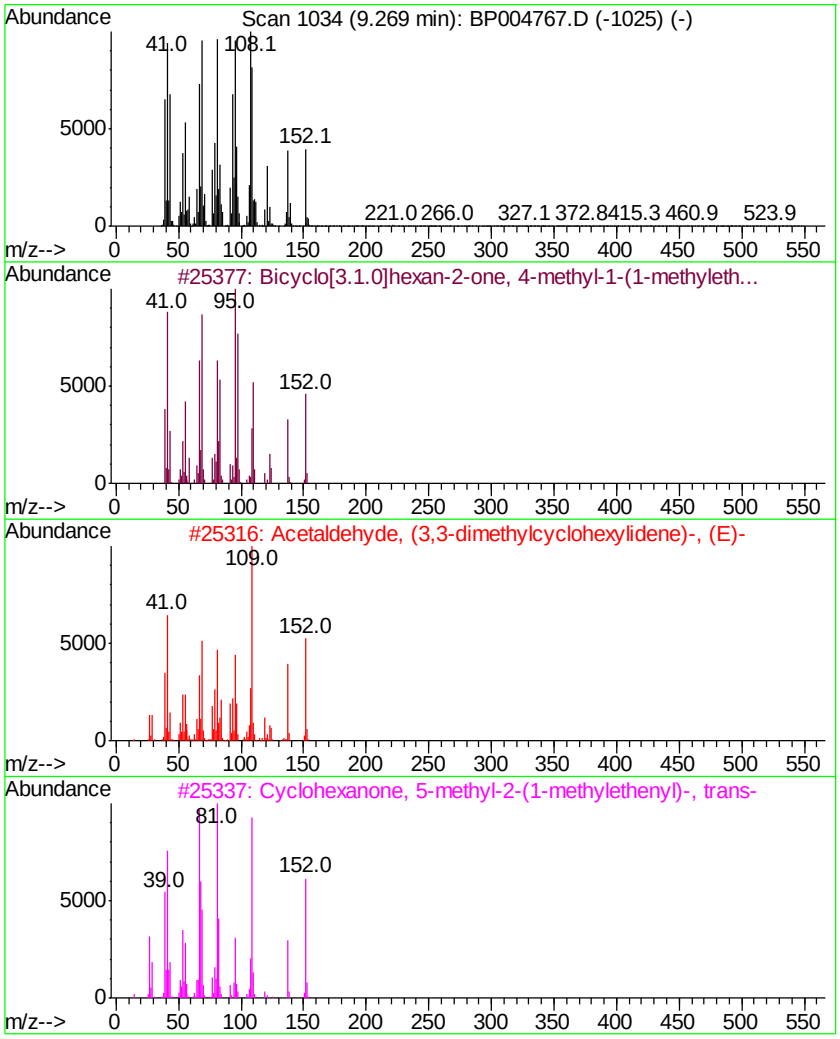
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

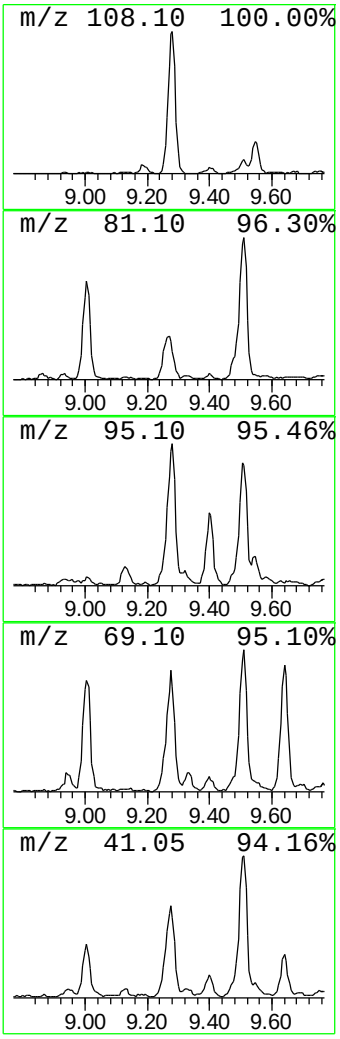
****

Peak Number 4 Bicyclo[3.1.0]hexan-2-one, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	26.98 ng/ul	537739	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	53
2	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	46
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	30
4	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	30
5	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	30





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

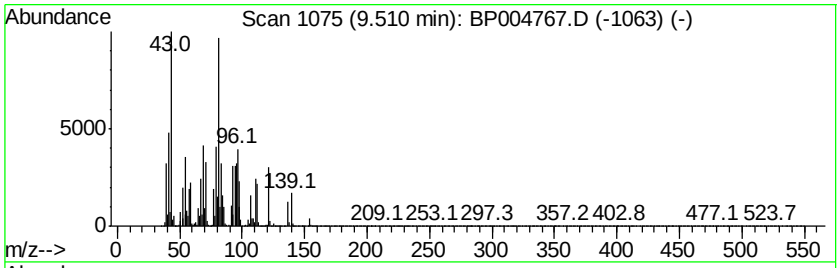
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

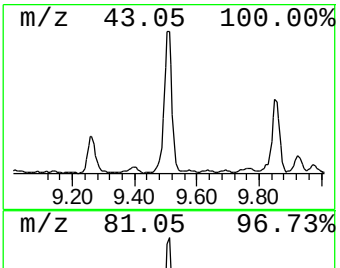
****

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	45.60 ng/ul	908912	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	46
2	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	43
3	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	38
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	38
5	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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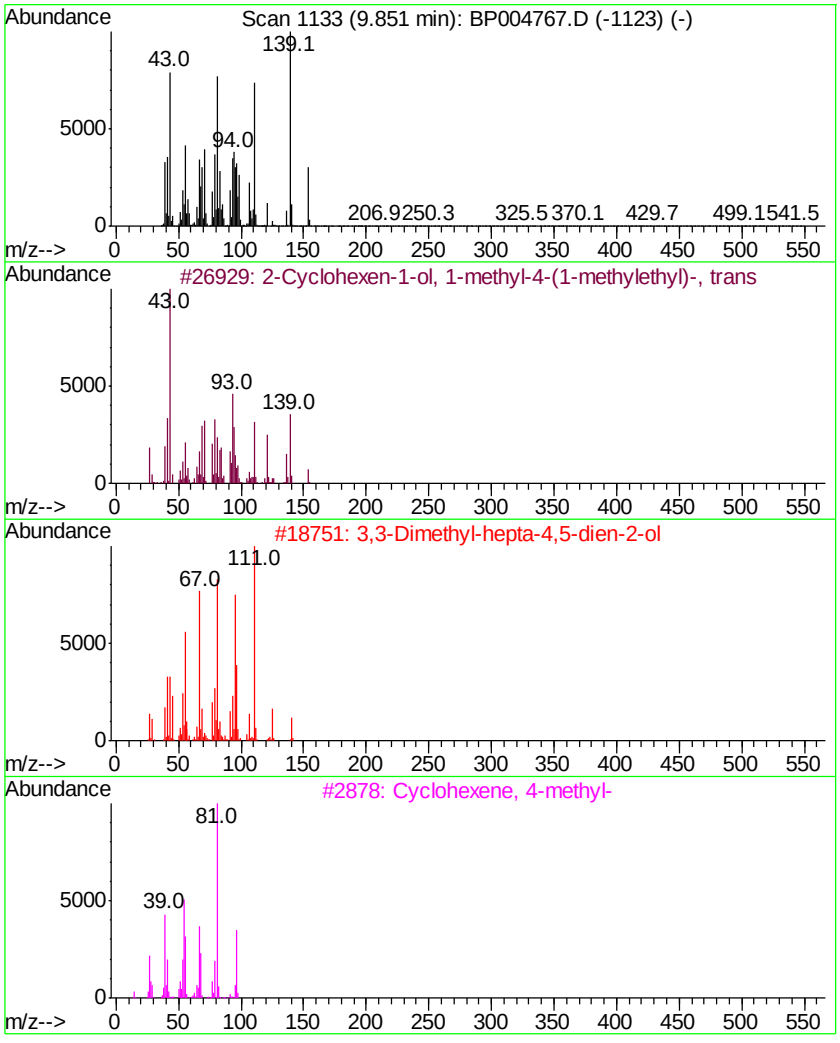
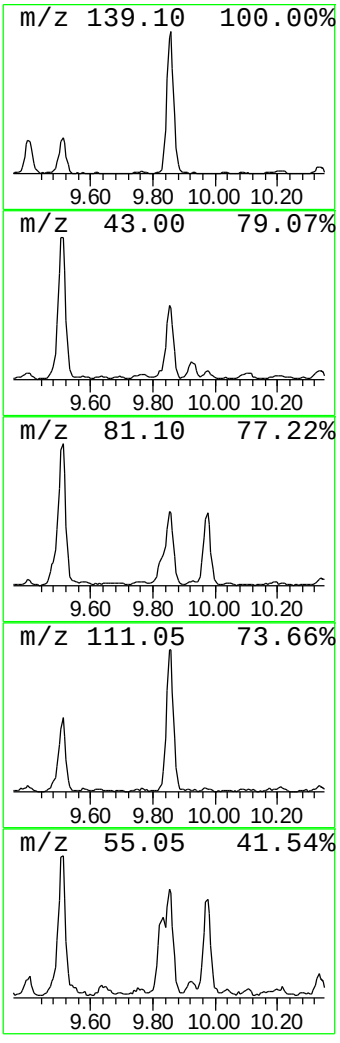
****

Peak Number 6 2-Cyclohexen-1-ol, 1-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	37.29 ng/ul	743416	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	029803-81-4	64
2	3,3-Dimethyl-hepta-4,5-dien-2-ol	140	C9H16O	1000190-23-9	38
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	25
4	Butanal, 3-methyl-2-methylene-, ...	154	C9H18N2	033063-81-9	22
5	cis-1-Hydroxybicyclo[4.4.0]decane	154	C10H18O	003574-58-1	18





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Instrument : BNA_P
ClientSampleId : DBGQ5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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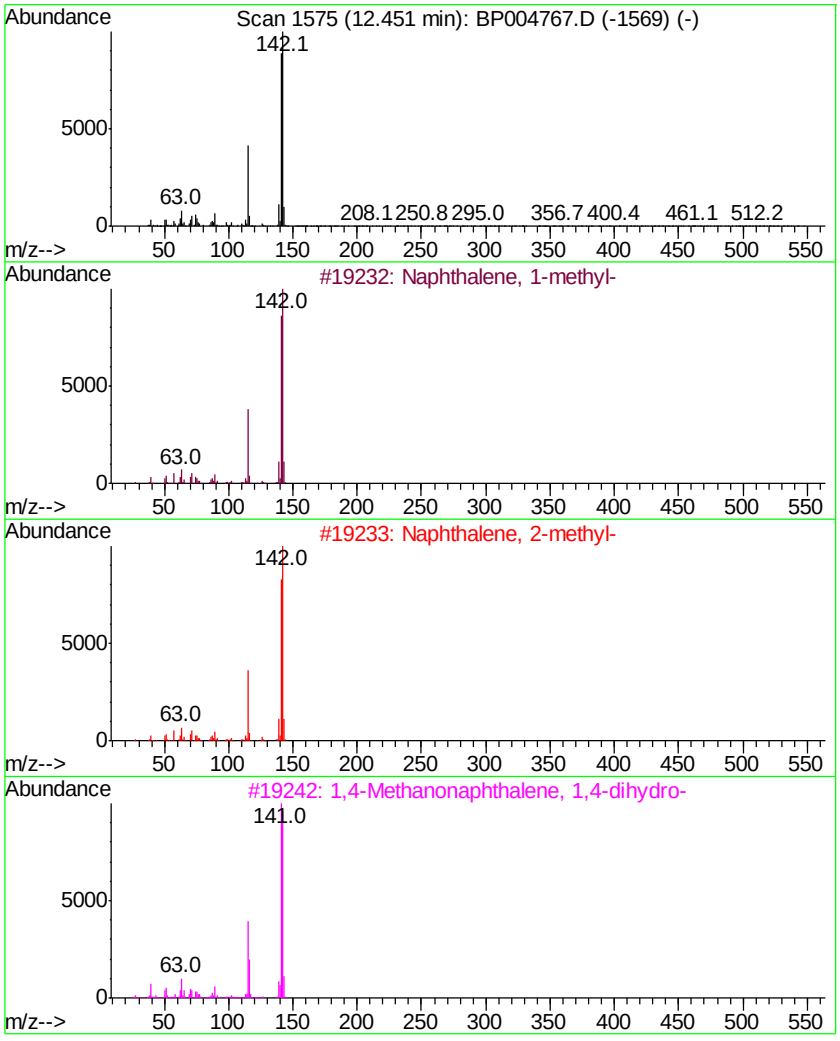
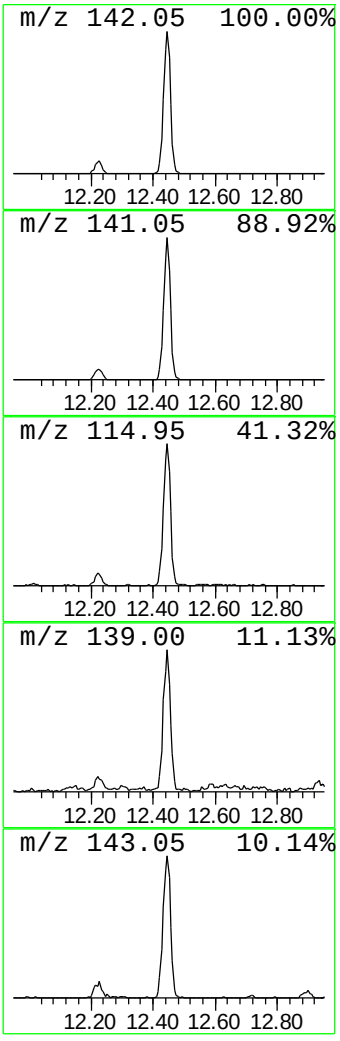
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	15.59 ng/ul	310672	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

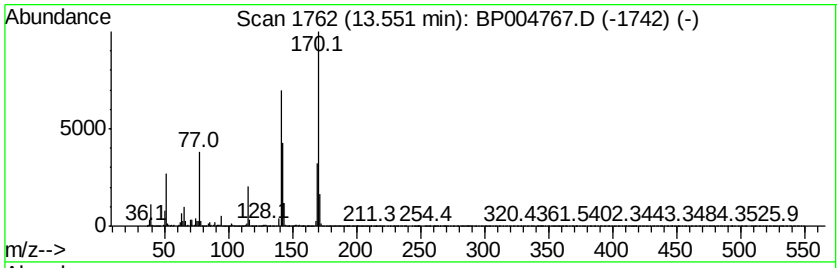
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

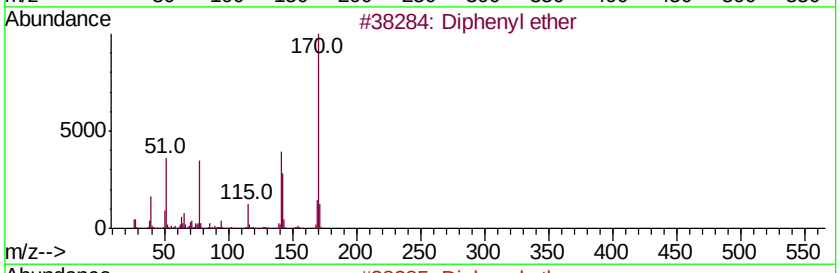
****

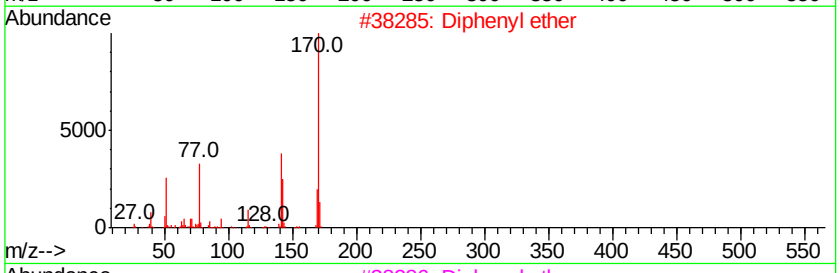
Peak Number 8 Diphenyl ether Concentration Rank 1

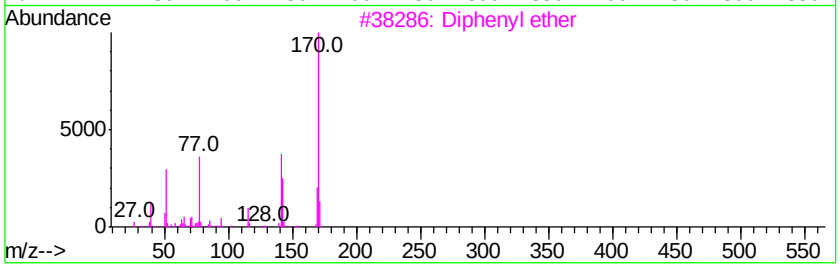
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	5308.04 ng/ul	135571000	Acenaphthene-d10	14.42

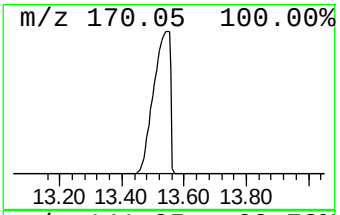
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	87
2	Diphenyl ether	170	C12H10O	000101-84-8	87
3	Diphenyl ether	170	C12H10O	000101-84-8	87
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	64
5	Diphenyl ether	170	C12H10O	000101-84-8	53

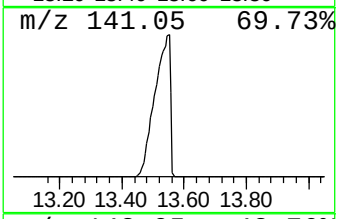


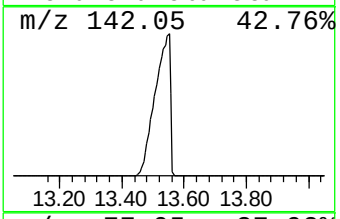


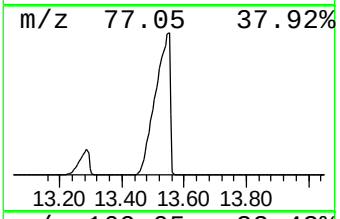


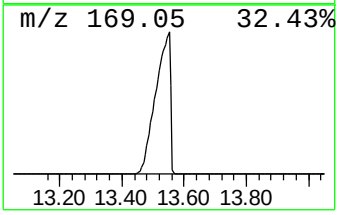












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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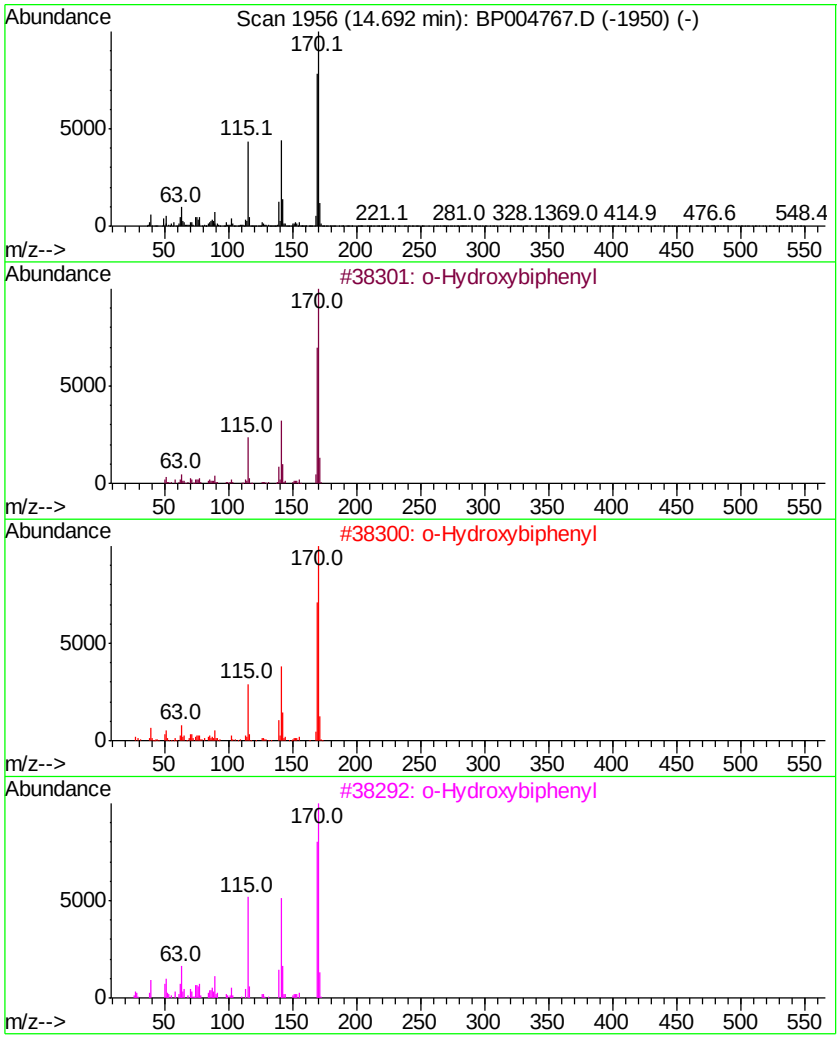
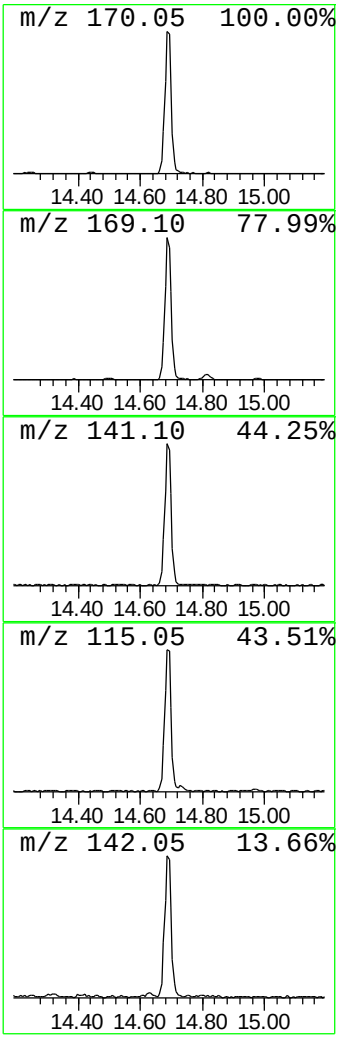
Peak Number 9 o-Hydroxybiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	23.53 ng/ul	600927	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	70





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Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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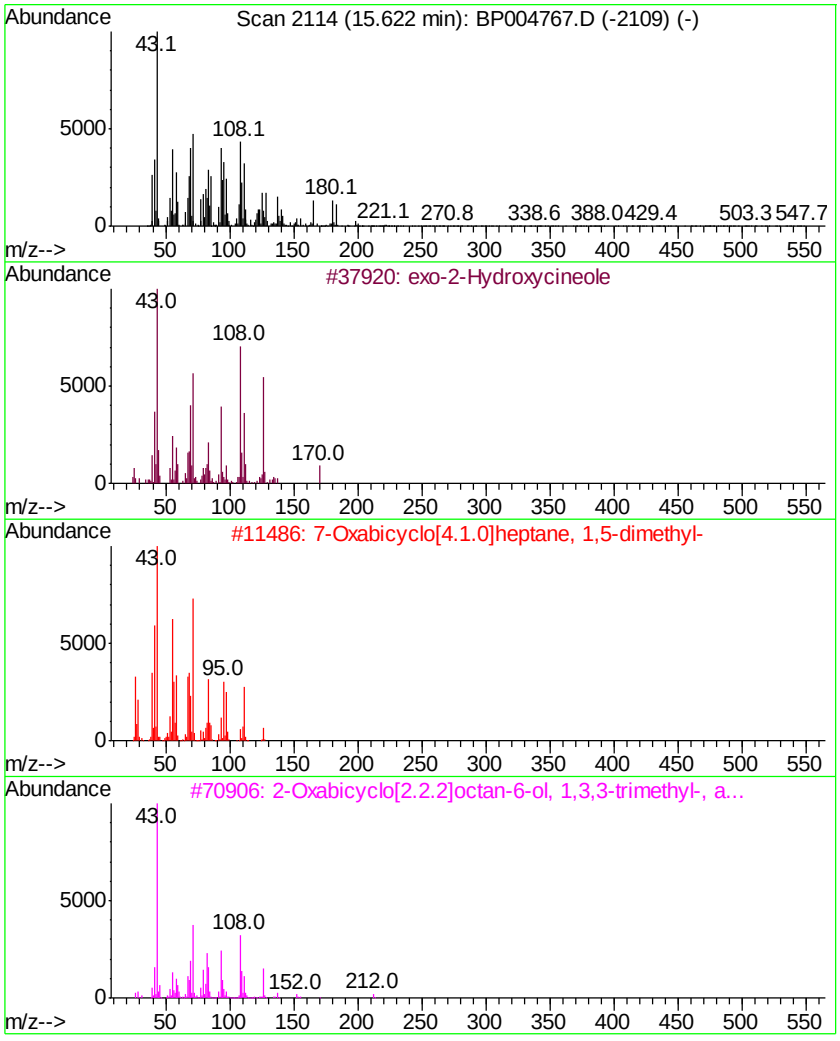
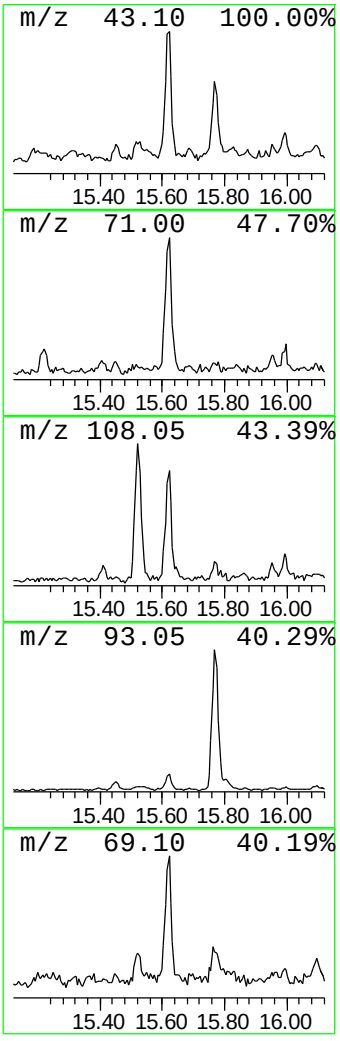
Peak Number 10 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	7.39 ng/ul	188846	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	exo-2-Hydroxycineole	170	C10H18O2	092999-78-5	43
2	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
3	2-Oxabicyclo[2.2.2]octan-6-ol, 1...	212	C12H20O3	057709-95-2	32
4	7-Oxabicyclo[4.1.0]heptane, 1-me...	152	C10H16O	001195-92-2	27
5	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	27





Library Search Compound Report

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Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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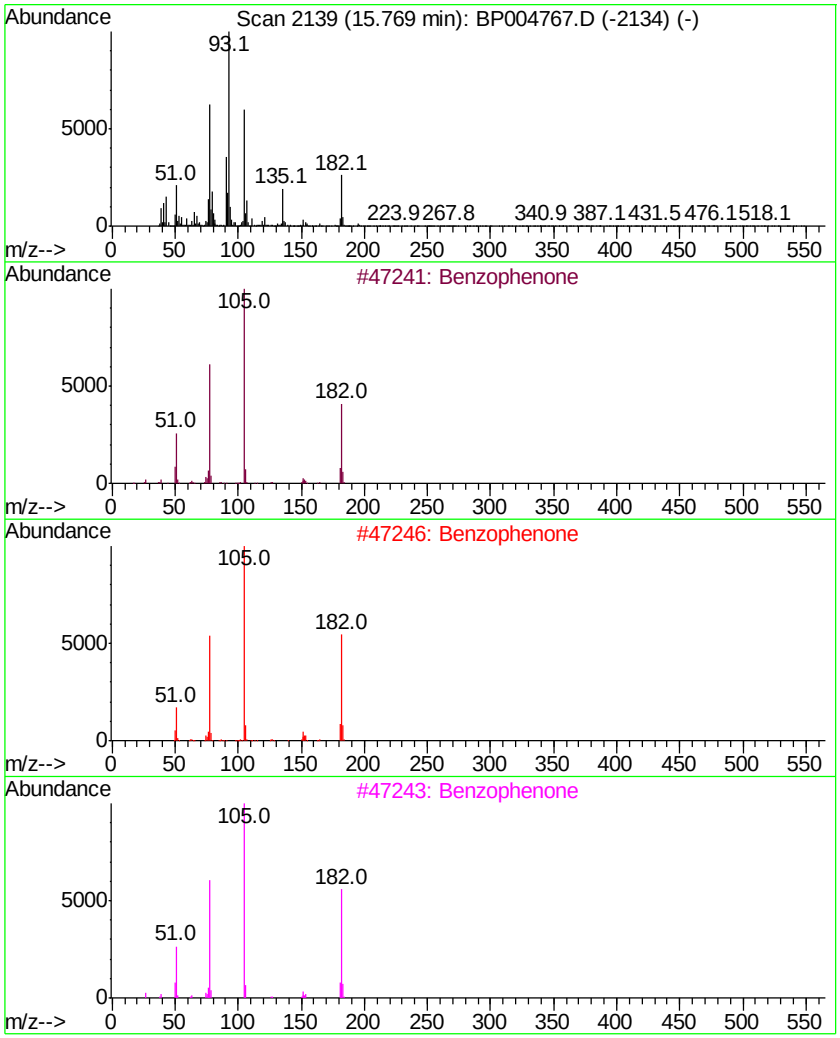
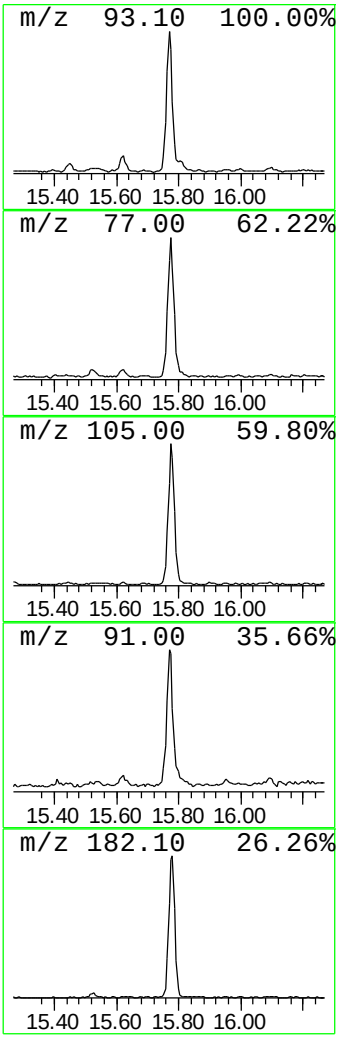
Peak Number 11 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	18.10 ng/ul	462187	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	83
2	Benzophenone	182	C13H10O	000119-61-9	55
3	Benzophenone	182	C13H10O	000119-61-9	46
4	Azobenzene	182	C12H10N2	000103-33-3	38
5	.alpha.-Phellandrene	136	C10H16	000099-83-2	38





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Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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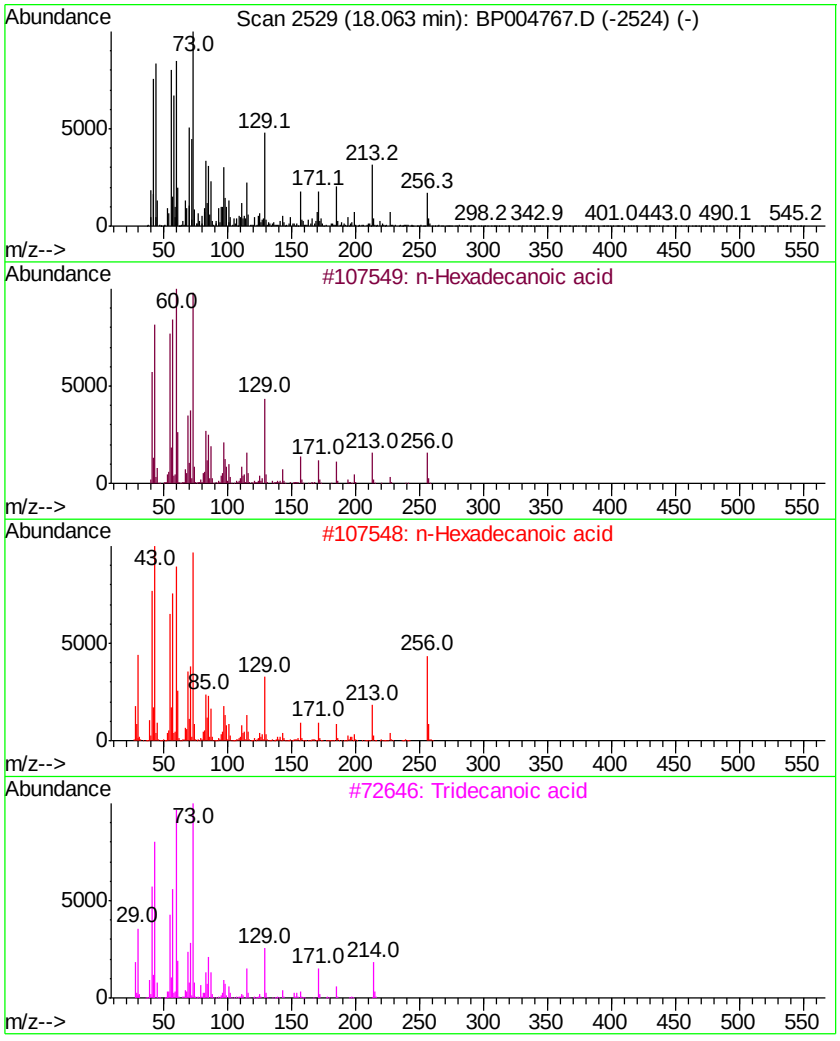
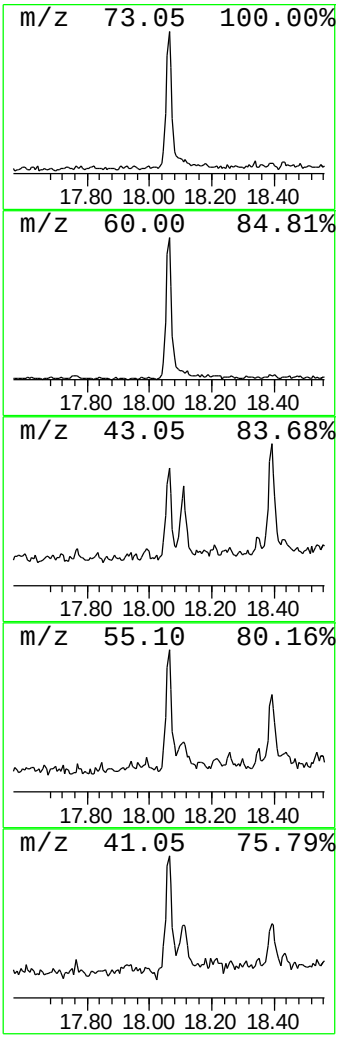
Peak Number 12 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.22 ng/ul	216847	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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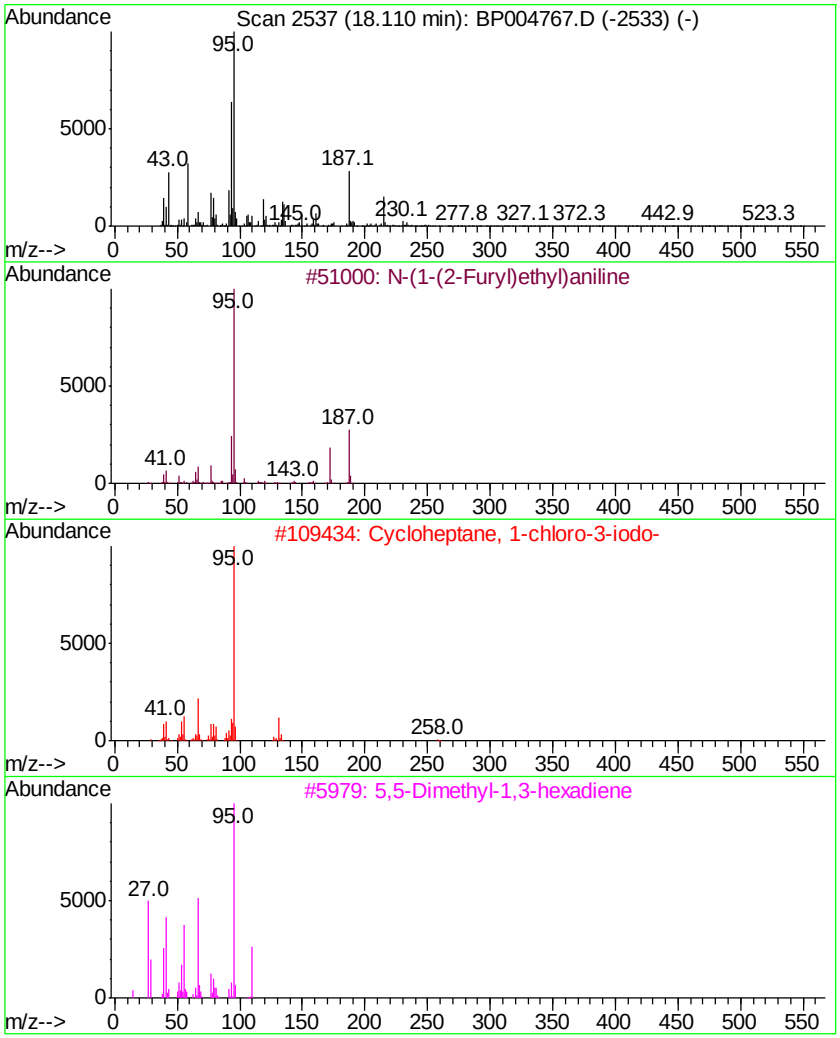
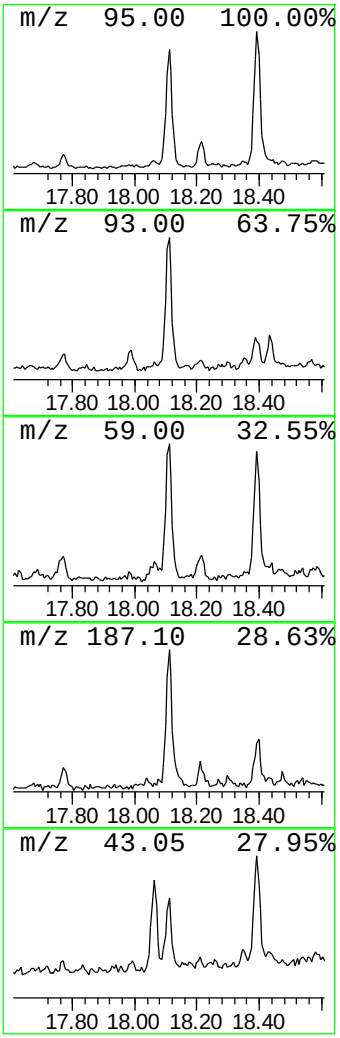
Peak Number 13 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.97 ng/ul	236675	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(1-(2-Furyl)ethyl)aniline	187	C12H13NO	014497-49-5	47
2	Cycloheptane, 1-chloro-3-iodo-	258	C7H12ClI	1000337-09-8	35
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	27
4	2-Pyrimidinamine	95	C4H5N3	000109-12-6	27
5	2-Furoylacetonitrile	135	C7H5NO2	1000342-47-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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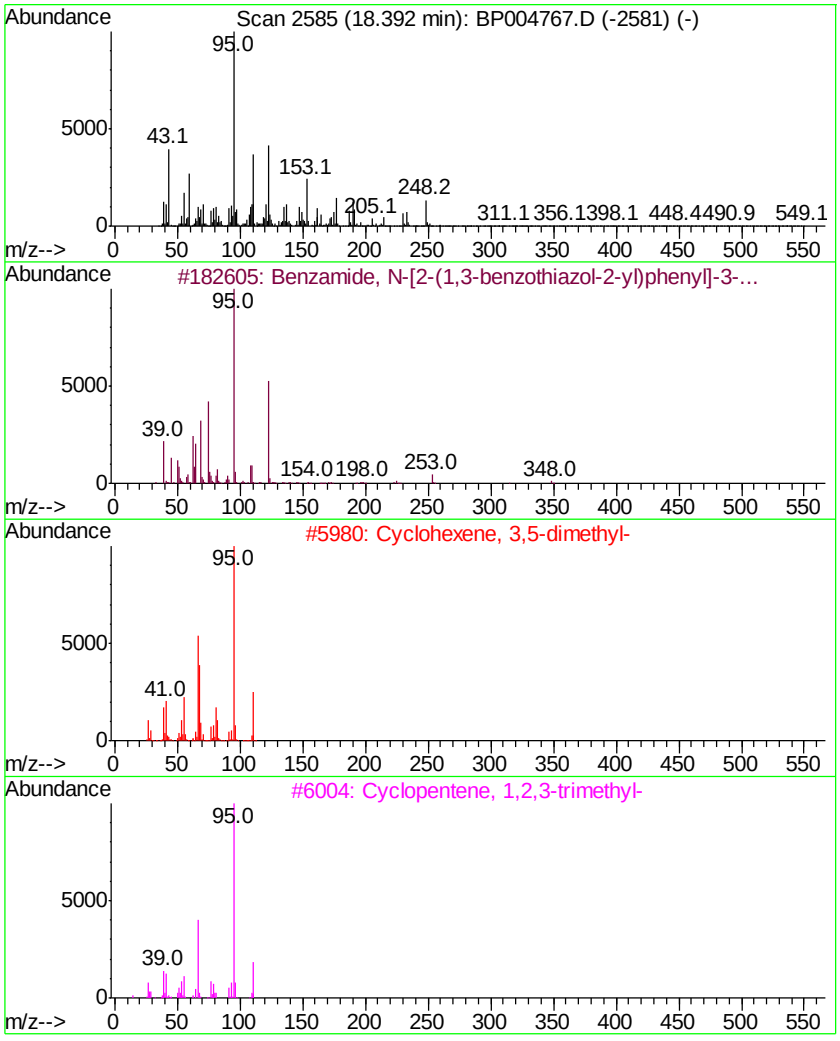
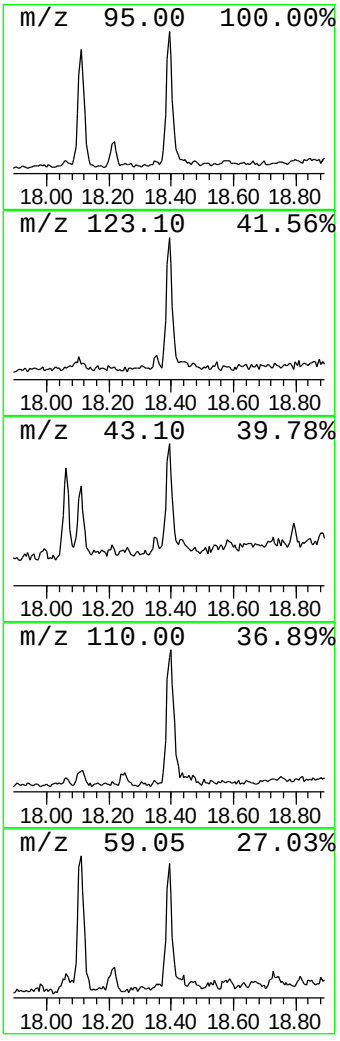
Peak Number 14 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	11.17 ng/ul	294642	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-[2-(1,3-benzothiazo...	348	C20H13FN2OS	1000319-77-1	43
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	38
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
Data File : BP004767.D
Acq On : 17 Feb 2021 11:49
Operator : CG/JU
Sample : M1349-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.98	60.5	ng/ul	1028570	1	7.76	340085	20.0
p-Cymene	7.90	9.0	ng/ul	153789	1	7.76	340085	20.0
Bicyclo[2.2.1]hep...	9.00	10.9	ng/ul	185676	1	7.76	340085	20.0
Bicyclo[3.1.0]hex...	9.27	27.0	ng/ul	537739	2	10.56	398680	20.0
unknown-01	9.51	45.6	ng/ul	908912	2	10.56	398680	20.0
2-Cyclohexen-1-ol...	9.85	37.3	ng/ul	743416	2	10.56	398680	20.0
Naphthalene, 1-me...	12.45	15.6	ng/ul	310672	2	10.56	398680	20.0
Diphenyl ether	13.55	5308.0	ng/ul	135571000	3	14.42	510814	20.0
o-Hydroxybiphenyl	14.69	23.5	ng/ul	600927	3	14.42	510814	20.0
unknown-02	15.62	7.4	ng/ul	188846	3	14.42	510814	20.0
Benzophenone	15.77	18.1	ng/ul	462187	3	14.42	510814	20.0
n-Hexadecanoic acid	18.06	8.2	ng/ul	216847	4	17.16	527487	20.0
unknown-03	18.11	9.0	ng/ul	236675	4	17.16	527487	20.0
unknown-04	18.39	11.2	ng/ul	294642	4	17.16	527487	20.0