LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF082319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	10	16	24	rVB	1254177	1594066	100.00%	9.410%
2	2.293	29	35	40	rVB2	25851	57626	3.62%	0.340%
3	4.769	431	456	457	rBV2	32819	125163	7.85%	0.739%
4	5.504	575	581	584	rBV	1468436	1320250	82.82%	7.794%
5	6.504	747	751	754	rBV	1469782	1376065	86.32%	8.123%
6	6.651	772	776	780	rBV	1654684	1411970	88.58%	8.335%
7	6.887	812	816	819	rBV	752683	621043	38.96%	3.666%
8	7.040	839	842	846	rVB	1295344	1092450	68.53%	6.449%
9	7.439	903	910	912	rBV	938914	786211	49.32%	4.641%
10	7.463	912	914	916	rVV	122550	109858	6.89%	0.649%
11	7.481	916	917	922	rVB2	81882	58986	3.70%	0.348%
12	7.698	951	954	957	rVB	80099	77480	4.86%	0.457%
13	7.910	988	990	997	rVB2	147199	127782	8.02%	0.754%
14	8.069	1013	1017	1021	rBV	88933	93550	5.87%	0.552%
15	8.122	1021	1026	1028	rBV2	76612	108198	6.79%	0.639%
16	8.163	1030	1033	1036	rVV	855735	786323	49.33%	4.642%
17	8.187	1036	1037	1043	rVB	206104	129643	8.13%	0.765%
18	8.875	1151	1154	1157	rBV	90593	81363	5.10%	0.480%
19	8.998	1172	1175	1183	rBV2	41999	67383	4.23%	0.398%
20	9.233	1211	1215	1219	rBV	1472061	1302404	81.70%	7.689%
21	9.286	1220	1224	1228	rBV3	107425	126505	7.94%	0.747%
22	9.622	1279	1281	1286	rVB	77583	70608	4.43%	0.417%
23	9.916	1327	1331	1335	rBV	851687	683697	42.89%	4.036%
24	10.698	1460	1464	1467	rBV	861327	712215	44.68%	4.204%
25	11.398	1580	1583	1585	rBV	720007	588248	36.90%	3.473%
26	11.422	1585	1587	1590	rVV	397215	286982	18.00%	1.694%
27	11.475	1594	1596	1598	rVB	84781	64325	4.04%	0.380%
28	11.927	1671	1673	1676	rBV	211800	177223	11.12%	1.046%
29	12.610	1786	1789	1792	rVB	712131	642204	40.29%	3.791%
30	12.839	1826	1828	1833	rVB	605463	550813	34.55%	3.252%
31	12.986	1850	1853	1856	rBV	1029185	908700	57.01%	5.364%
32	13.880	2003	2005	2011	rBV2	634510	800144	50.20%	4.724%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF082319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16939478

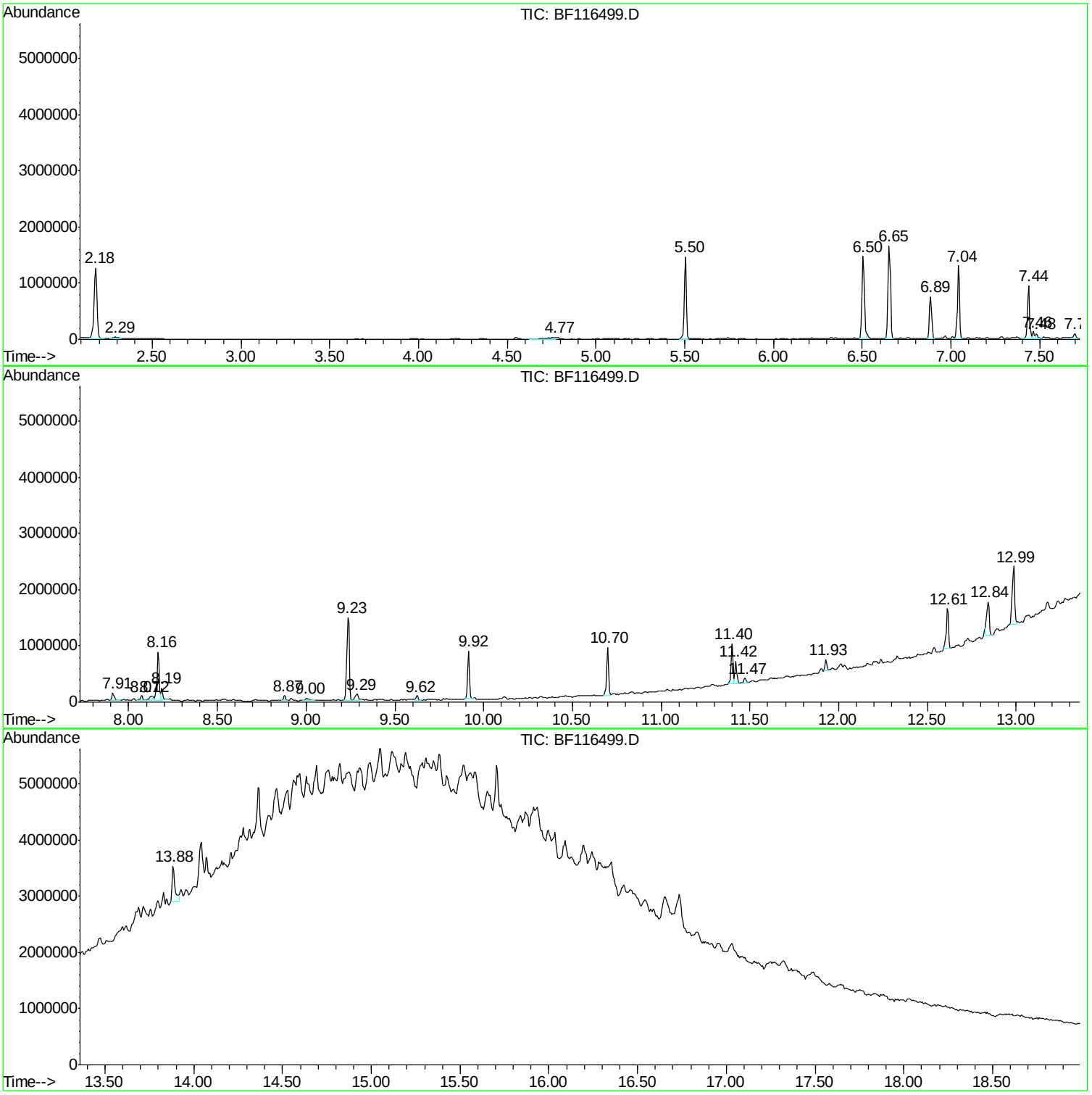
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

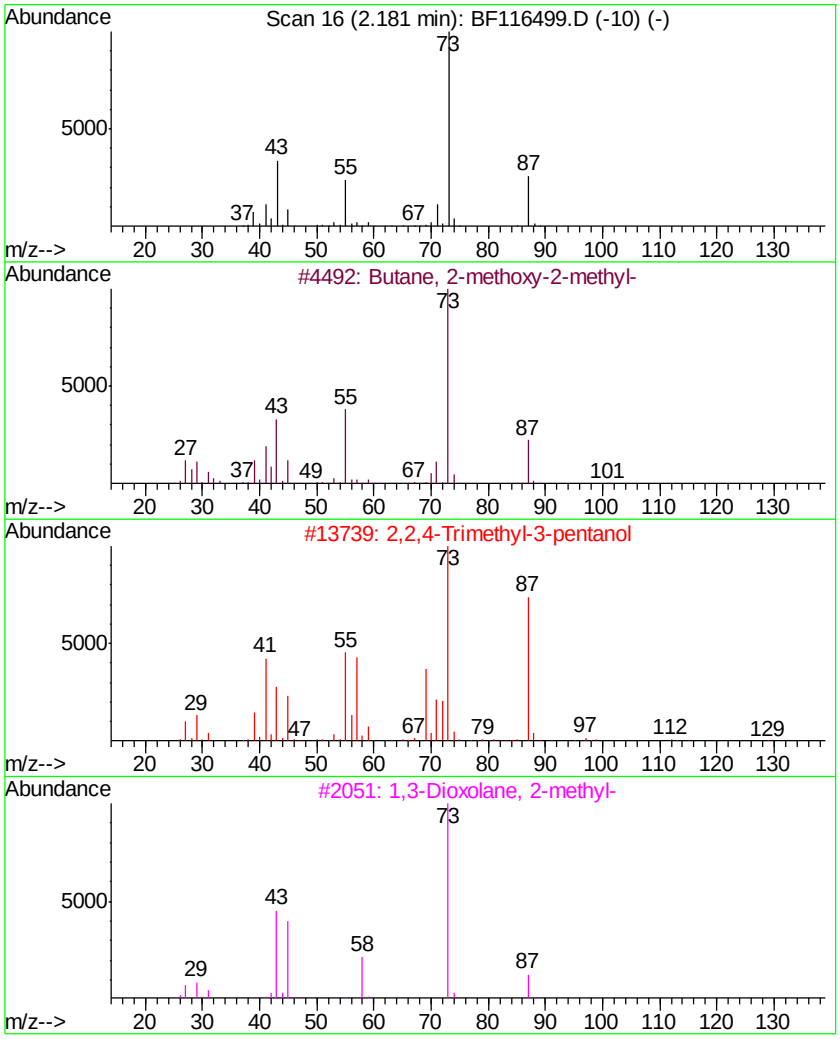
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

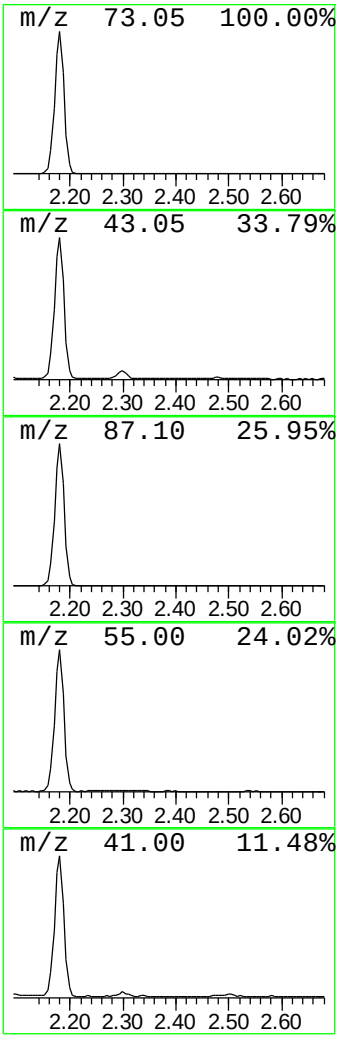
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	51.34 ng	1594070	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

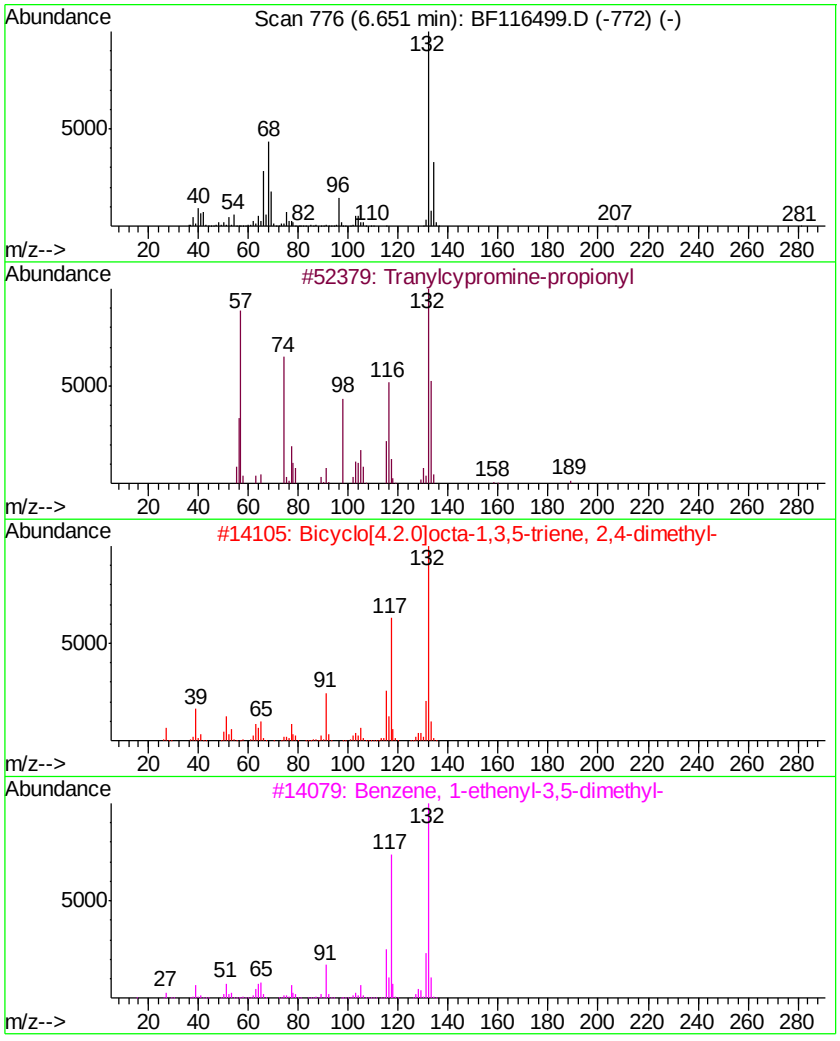
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

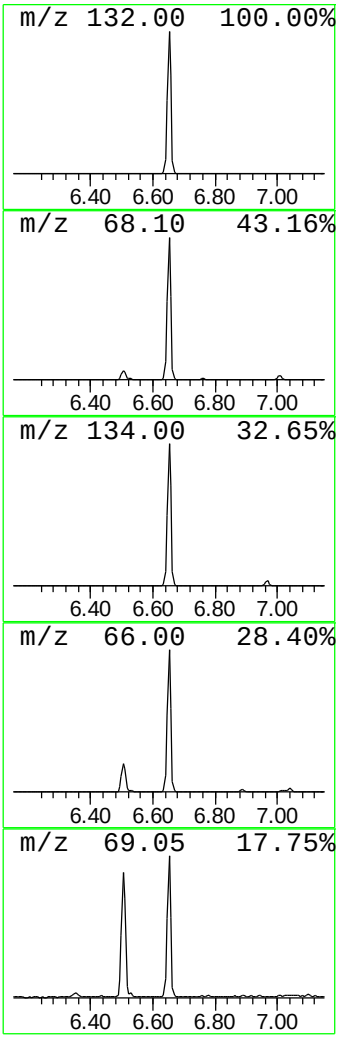
****

Peak Number 3 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	45.47 ng	1411970	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

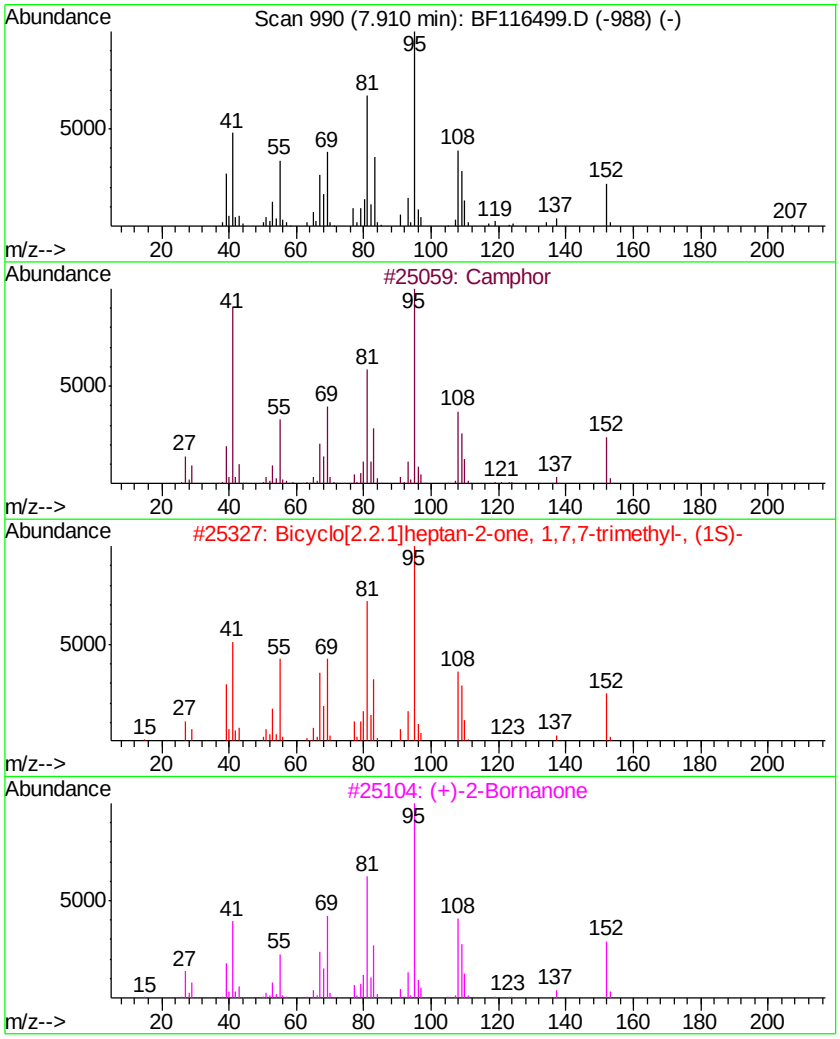
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

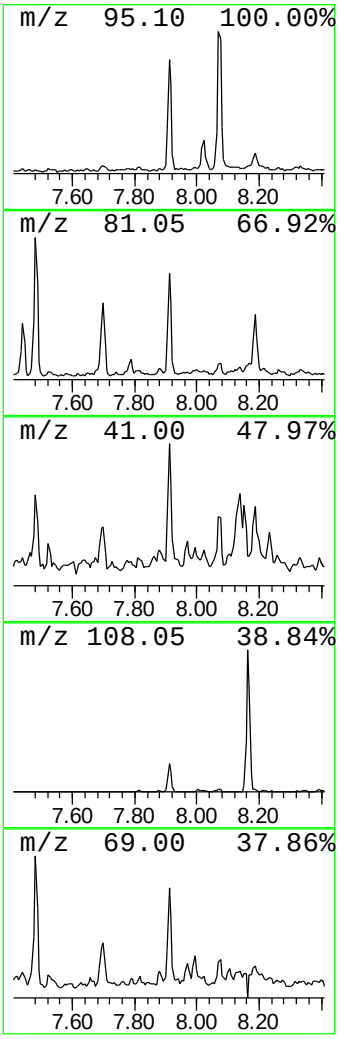
****

Peak Number 5 Camphor Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	3.25 ng	127782	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
4	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	43
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

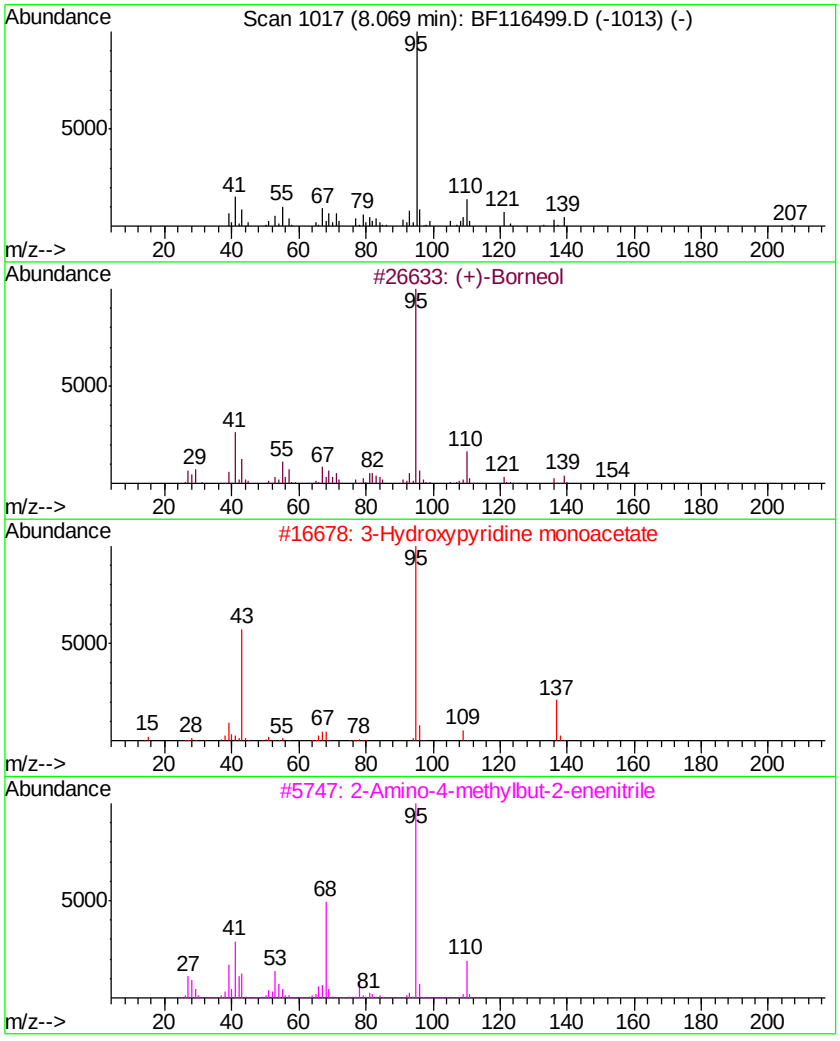
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

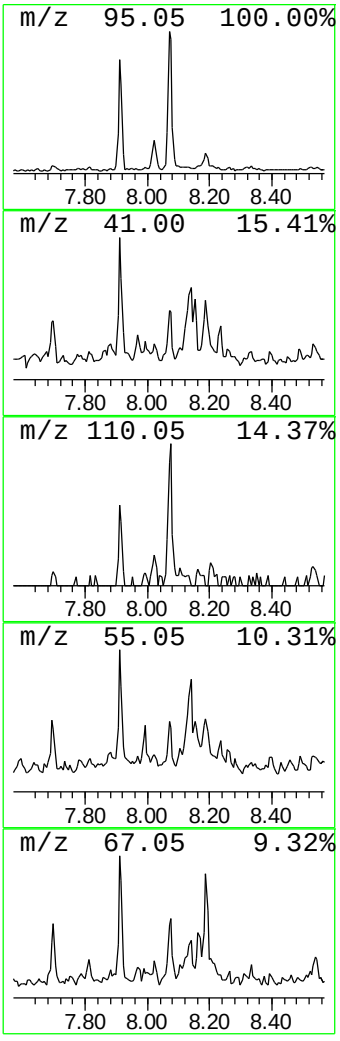
****

Peak Number 6 (+)-Borneol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	2.38 ng	93550	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-Borneol	154	C10H18O	1000150-76-3	72
2	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	64
3	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	64
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	59
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

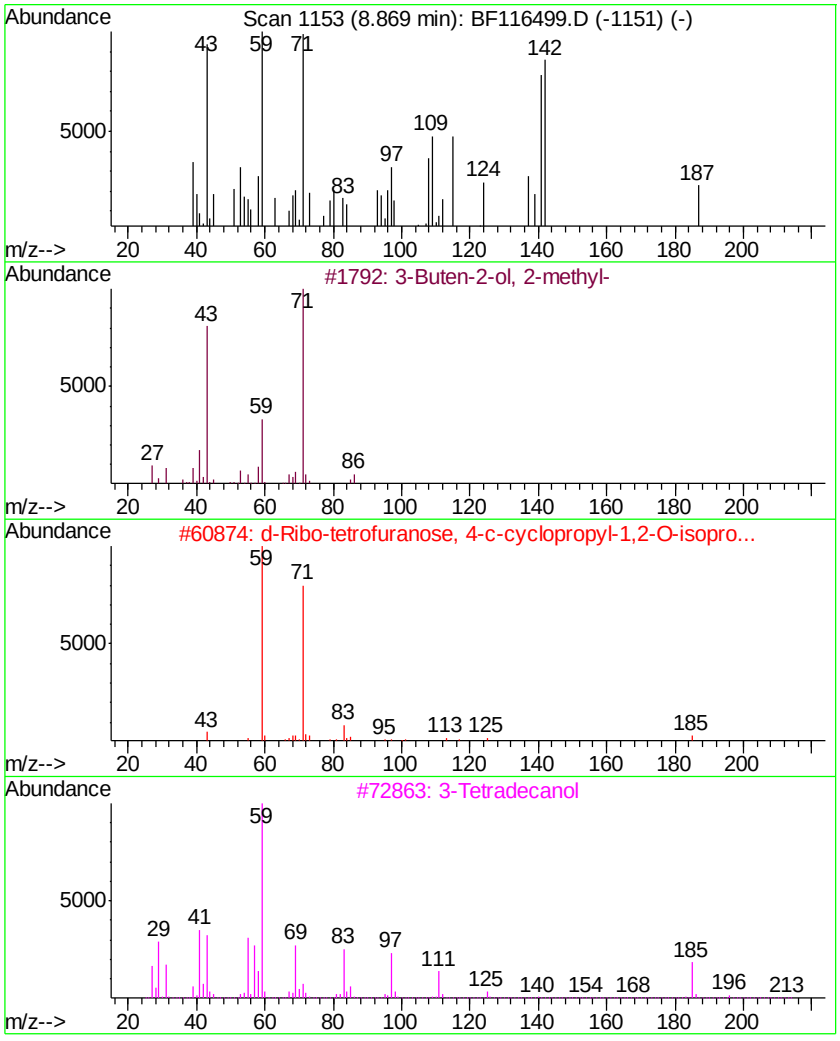
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

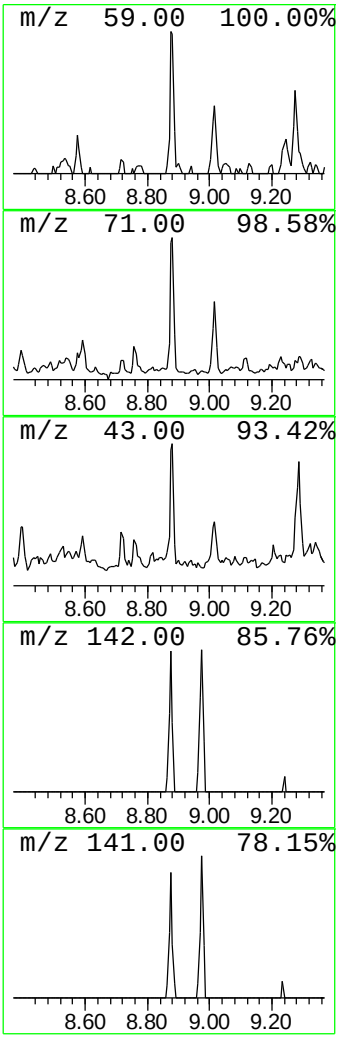
****

Peak Number 7 unknown8.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.07 ng	81363	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
2	d-Ribo-tetrofuranose, 4-c-cyclop...	200	C10H16O4	030571-50-7	43
3	3-Tetradecanol	214	C14H30O	001653-32-3	22
4	2-Propanol, 1-(isooctyloxy)-2-me...	202	C12H26O2	056282-27-0	22
5	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	16





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

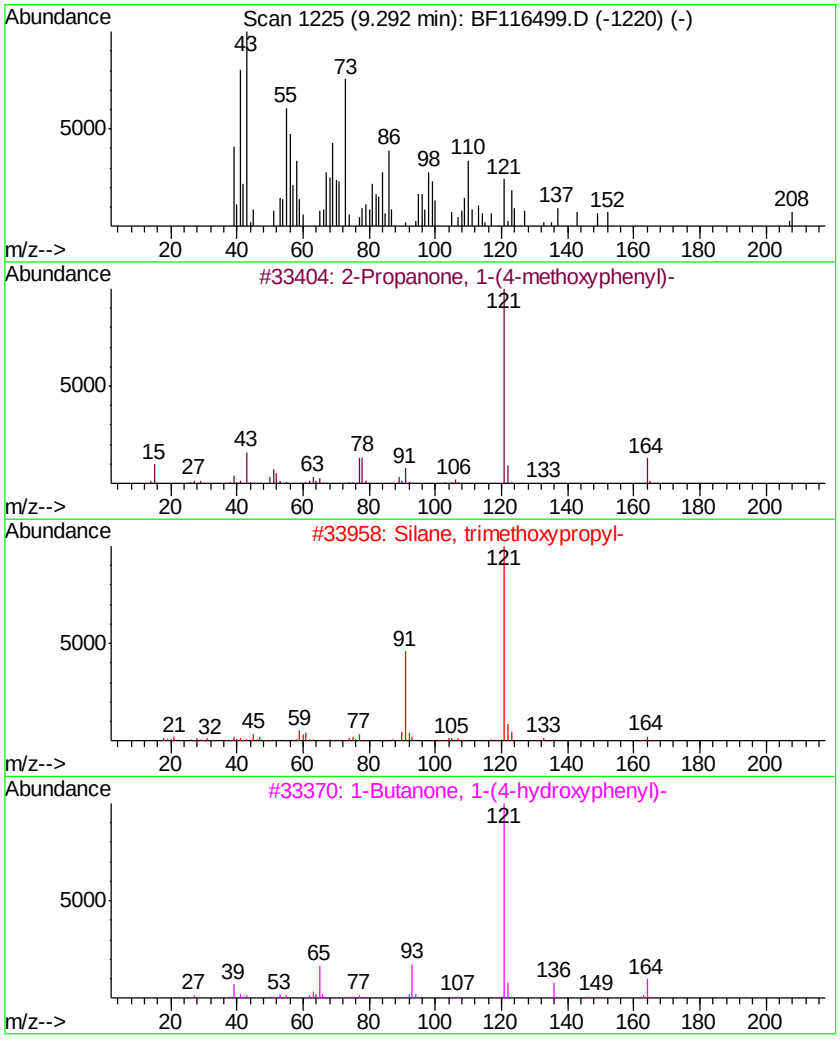
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

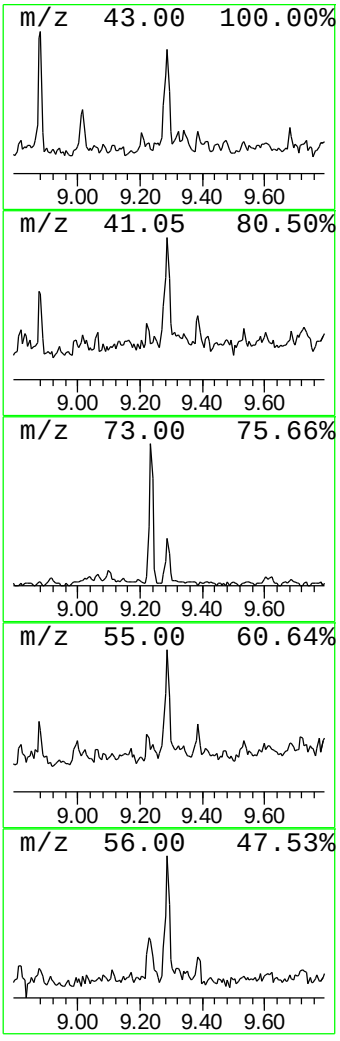
****

Peak Number 8 unknown9.29 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.70 ng	126505	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	49
2	Silane, trimethoxypropyl-	164	C6H16O3Si	001067-25-0	46
3	1-Butanone, 1-(4-hydroxyphenyl)-	164	C10H12O2	001009-11-6	43
4	1-Propanone, 1-(4-hydroxyphenyl)...	164	C10H12O2	034917-91-4	43
5	4-Propoxybenzaldehyde	164	C10H12O2	005736-85-6	43





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Data File : BF116499.D
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Misc :
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Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

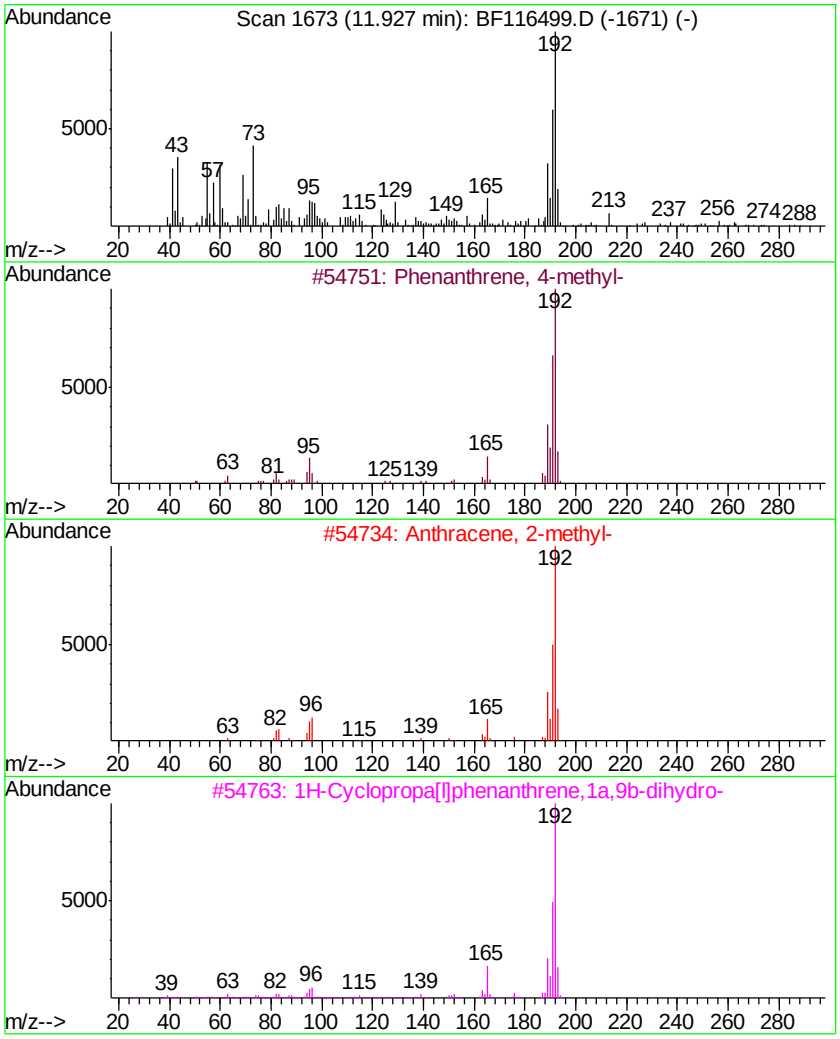
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

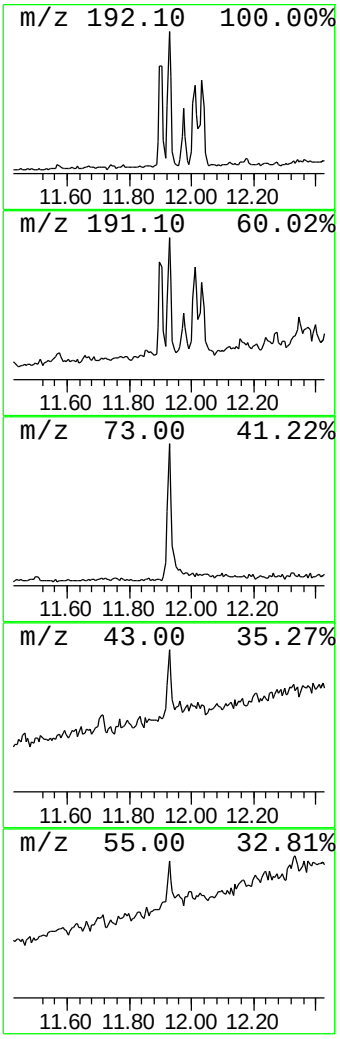
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.03 ng	177223	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Library Search Compound Report

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Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

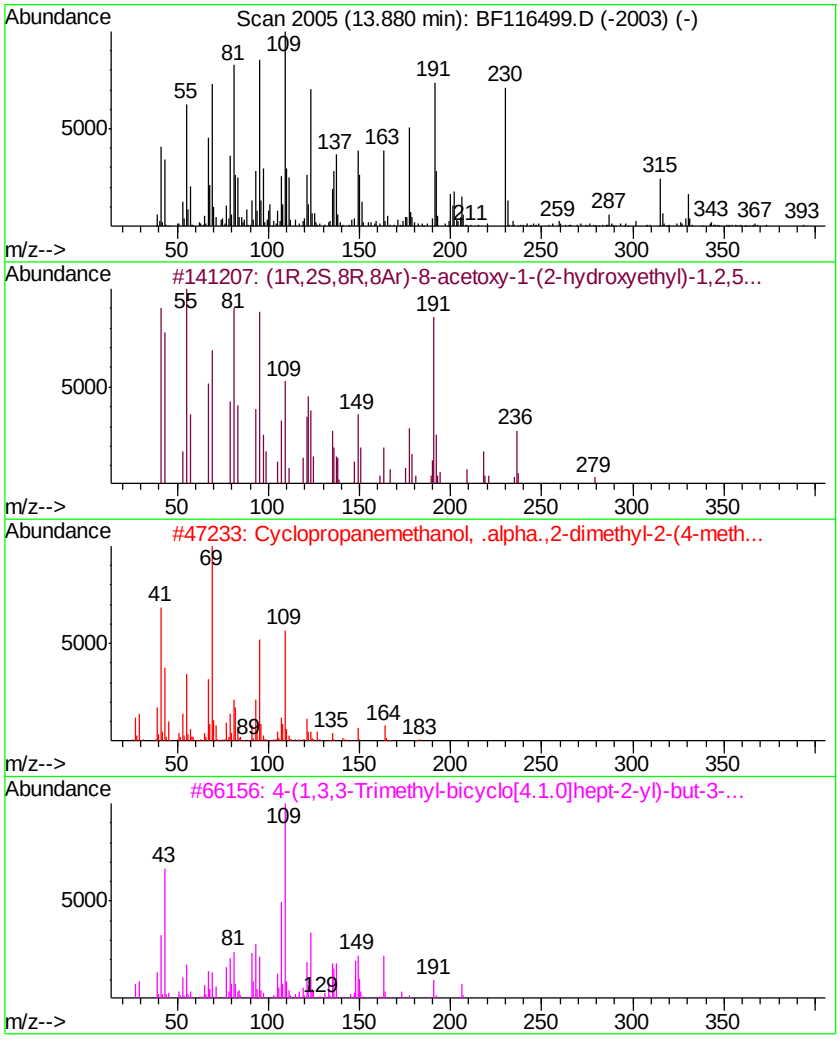
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

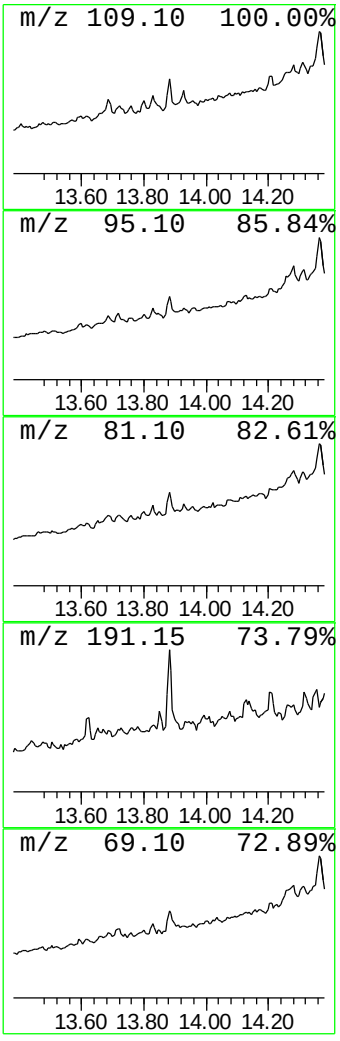
****

Peak Number 10 (1R,2S,8R,8Ar)-8-acetoxy-1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	20.00 ng	800144	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	56
2	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	38
3	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	35
4	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	25
5	3-Fluorobenzoic acid, 3-methylph...	230	C14H11FO2	1000307-72-5	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116499.D
Acq On : 24 Aug 2019 1:21
Operator : HP/JU
Sample : K4387-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-A1-A4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	2.18	51.3	ng	1594070	1	6.89	621043	20.0
unknown6.65	6.65	45.5	ng	1411970	1	6.89	621043	20.0
Camphor	7.91	3.3	ng	127782	2	8.16	786323	20.0
(+)-Borneol	8.07	2.4	ng	93550	2	8.16	786323	20.0
unknown8.87	8.87	2.1	ng	81363	2	8.16	786323	20.0
unknown9.29	9.29	3.7	ng	126505	3	9.92	683697	20.0
Phenanthrene, 4-m...	11.93	6.0	ng	177223	4	11.40	588248	20.0
(1R,2S,8R,8Ar)-8-...	13.88	20.0	ng	800144	5	14.05	800144	20.0