LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123610.D
Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123610.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	15	rVB	3058023	3909794	52.22%	6.267%
2	5.093	504	511	517	rBV	214809	293868	3.93%	0.471%
3	5.498	576	580	584	rVB	7245085	7041289	94.05%	11.286%
4	6.510	748	752	758	rBV	7271670	7486669	100.00%	12.000%
5	6.698	781	784	788	rBV3	132716	171468	2.29%	0.275%
6	6.869	810	813	819	rBV	2023050	1602883	21.41%	2.569%
7	7.434	901	909	912	rBV	5354554	4945650	66.06%	7.927%
8	8.157	1027	1032	1034	rBV	2346317	2066419	27.60%	3.312%
9	8.175	1034	1035	1039	rVB	425883	274748	3.67%	0.440%
10	8.581	1101	1104	1106	rBV	251008	210409	2.81%	0.337%
11	8.704	1120	1125	1129	rBV5	100484	154833	2.07%	0.248%
12	8.810	1137	1143	1146	rBV4	121122	249679	3.33%	0.400%
13	8.869	1151	1153	1156	rVB	226824	169180	2.26%	0.271%
14	9.181	1204	1206	1209	rVB	348183	296752	3.96%	0.476%
15	9.239	1211	1216	1218	rVV	7319610	6593936	88.08%	10.569%
16	9.304	1224	1227	1233	rBV3	977233	1081089	14.44%	1.733%
17	9.481	1255	1257	1260	rBV4	131404	140627	1.88%	0.225%
18	9.575	1270	1273	1275	rVB2	376190	282622	3.78%	0.453%
19	9.628	1279	1282	1287	rVV2	688929	983032	13.13%	1.576%
20	9.681	1288	1291	1295	rVB5	175079	244154	3.26%	0.391%
21	9.769	1303	1306	1307	rBV	289684	249935	3.34%	0.401%
22	9.792	1307	1310	1314	rVV3	728746	746421	9.97%	1.196%
23	9.834	1314	1317	1319	rVB	977604	833585	11.13%	1.336%
24	9.851	1319	1320	1325	rVB3	283556	307155	4.10%	0.492%
25	9.916	1325	1331	1334	rBV	2357221	2460486	32.86%	3.944%
26	9.945	1334	1336	1339	rVB	747843	576658	7.70%	0.924%
27	10.039	1349	1352	1355	rVB	657402	543964	7.27%	0.872%
28	10.075	1356	1358	1362	rBV	322833	387527	5.18%	0.621%
29	10.116	1362	1365	1368	rVV2	281323	296149	3.96%	0.475%
30	10.186	1373	1377	1379	rBV2	297443	368223	4.92%	0.590%
31	10.292	1392	1395	1398	rBV2	366208	385976	5.16%	0.619%
32	10.328	1398	1401	1407	rBV3	706147	811025	10.83%	1.300%
33	10.381	1407	1410	1413	rBV2	334840	448396	5.99%	0.719%
34	10.463	1422	1424	1429	rBV2	274291	317288	4.24%	0.509%
35	10.575	1440	1443	1446	rBV	985326	838937	11.21%	1.345%
36	10.710	1462	1466	1469	rBV	3813408	3199735	42.74%	5.129%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123610.D
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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-A

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.845	1485	1489	1496	rVB	2152096	2476519	33.08%	3.969%
38	11.310	1566	1568	1573	rVB2	1442655	1409133	18.82%	2.259%
39	11.410	1582	1585	1587	rBV	1644246	1540262	20.57%	2.469%
40	11.433	1587	1589	1595	rVB	1887040	1705825	22.78%	2.734%
41	13.016	1855	1858	1864	rBV	4337304	4286812	57.26%	6.871%

Sum of corrected areas: 62389112

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BNA_F
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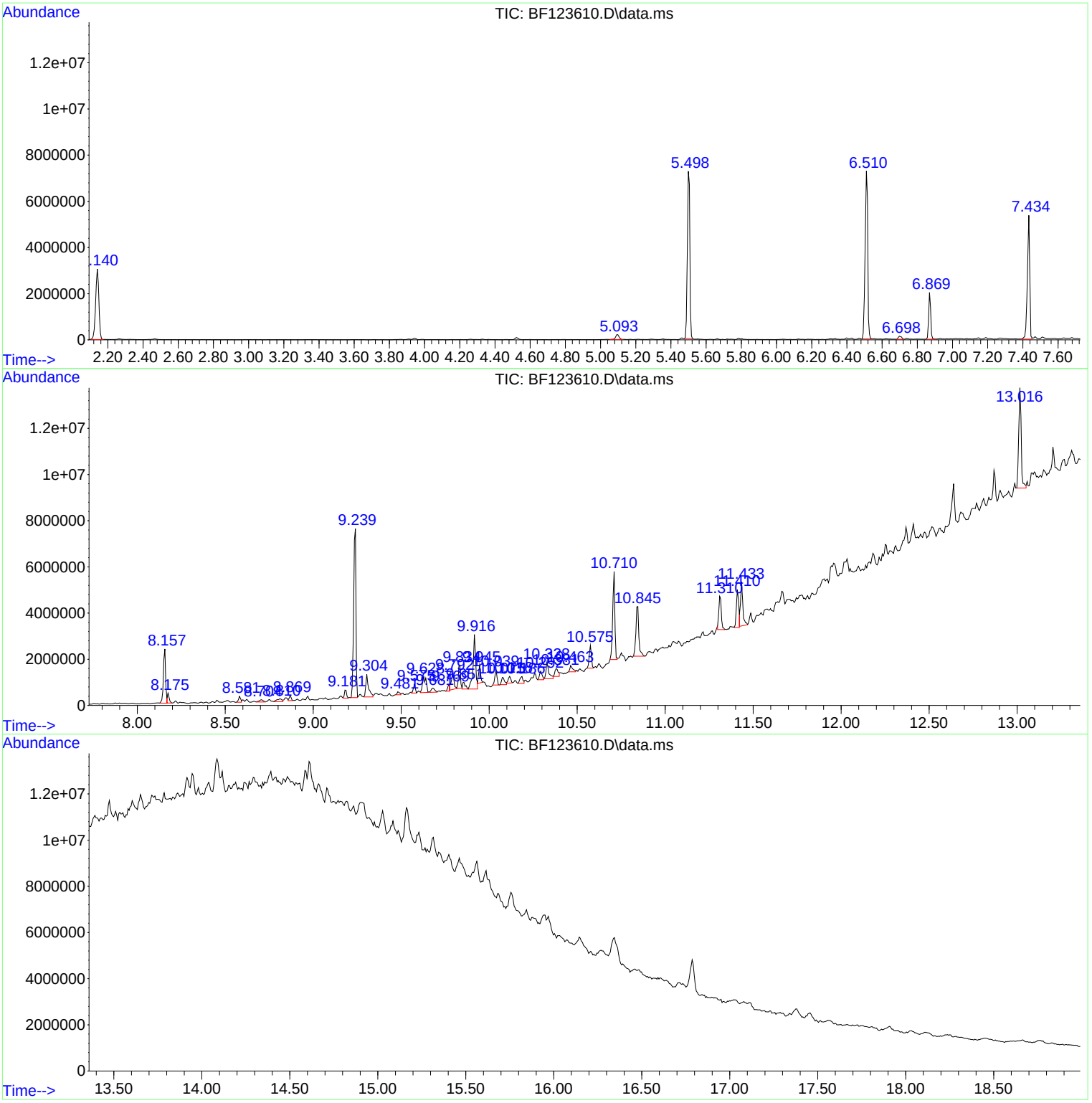
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF123610.D
Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

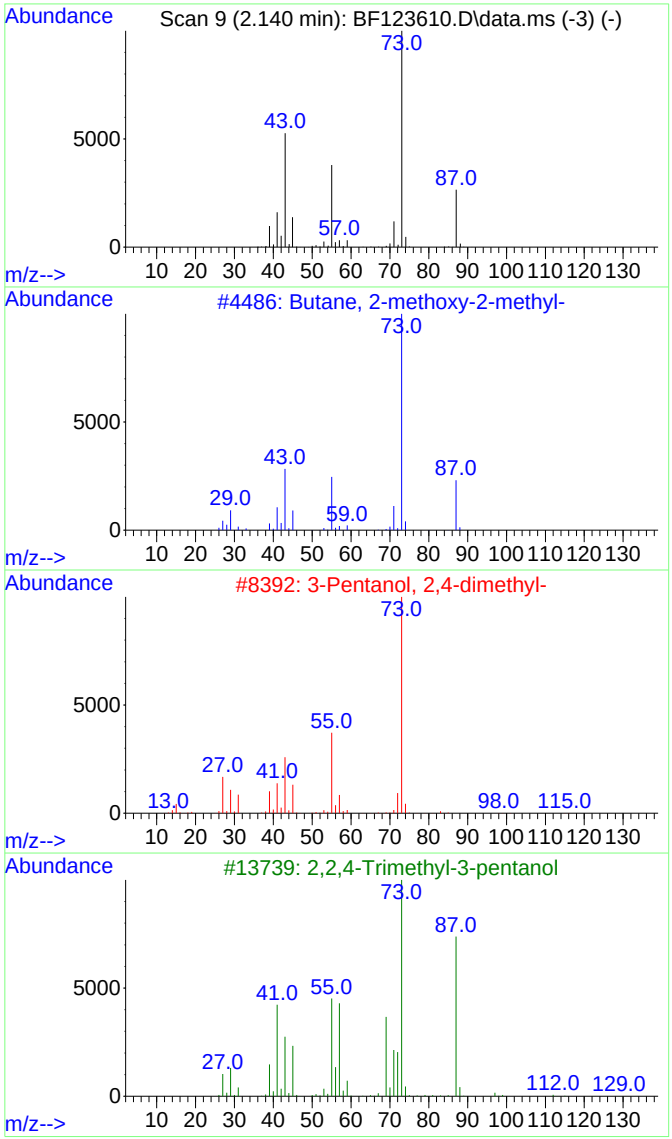
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

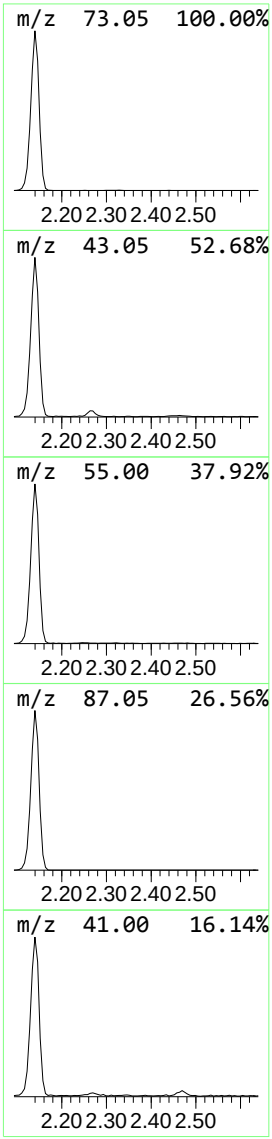
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	48.78 ng	3909790	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-A

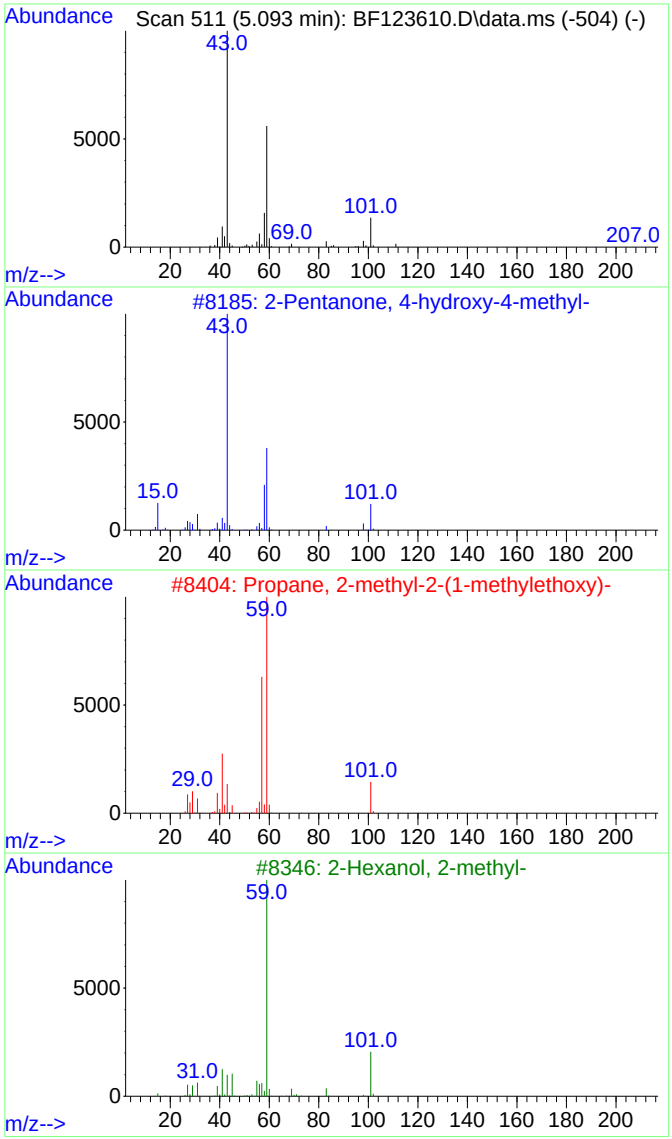
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

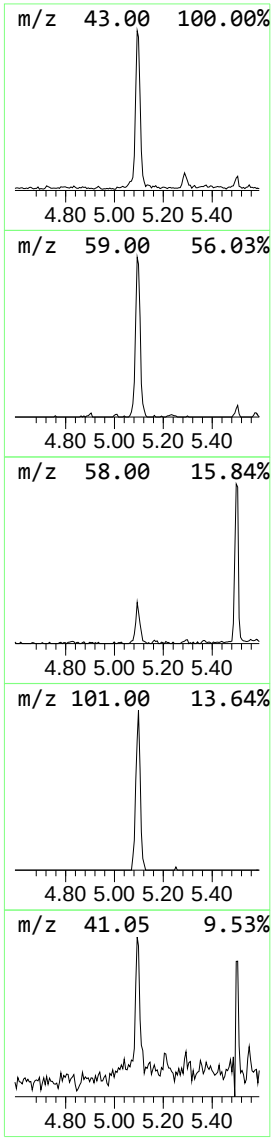
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	3.67 ng	293868	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1,2-Butanediol	90	C4H10O2	000584-03-2	28
5	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	23





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Data File : BF123610.D
Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

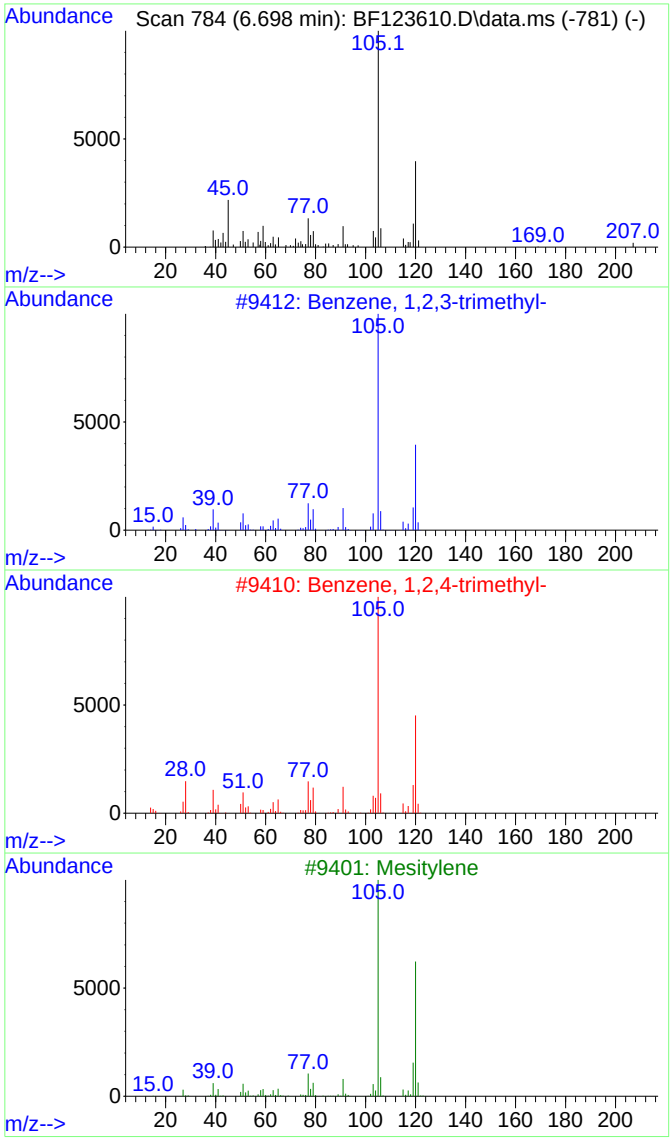
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

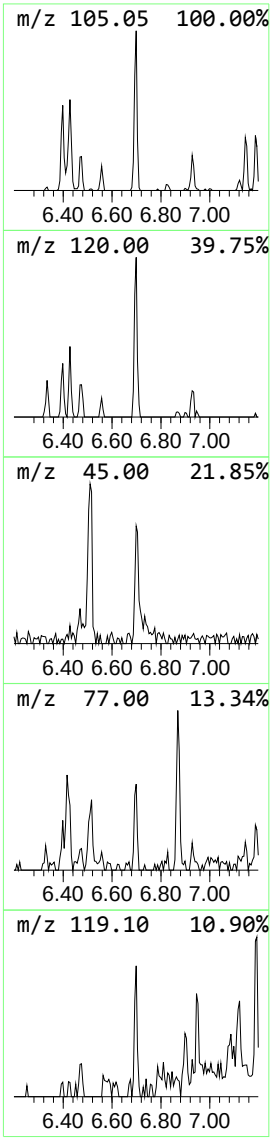
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	2.14 ng	171468	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	92
3	Mesitylene	120	C9H12	000108-67-8	81
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76





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Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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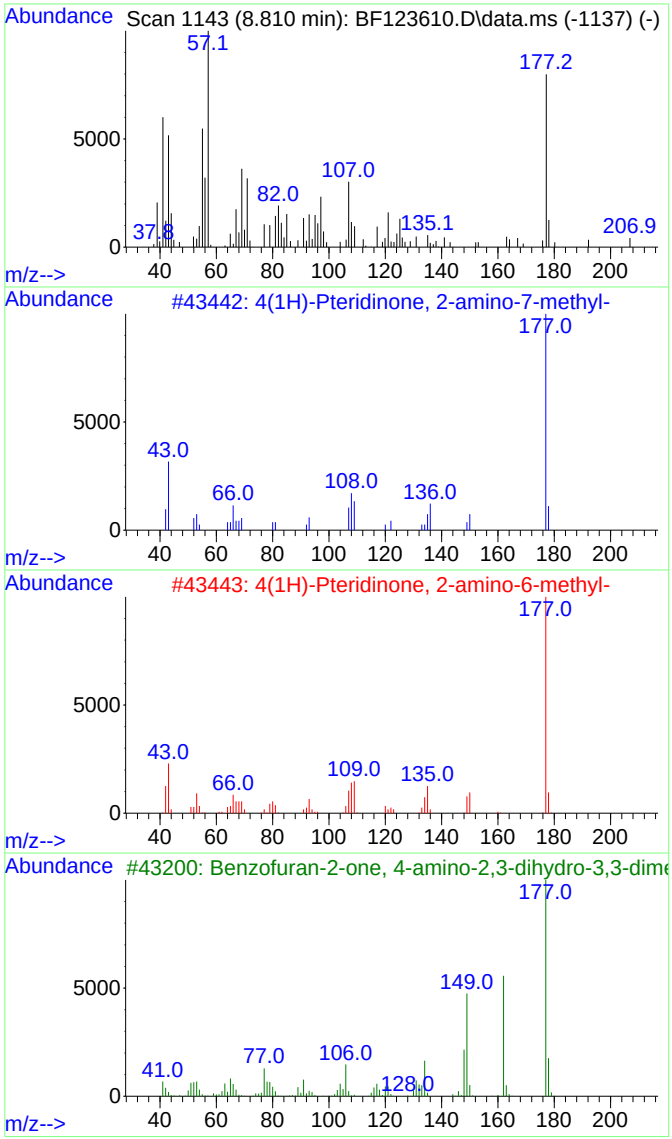
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

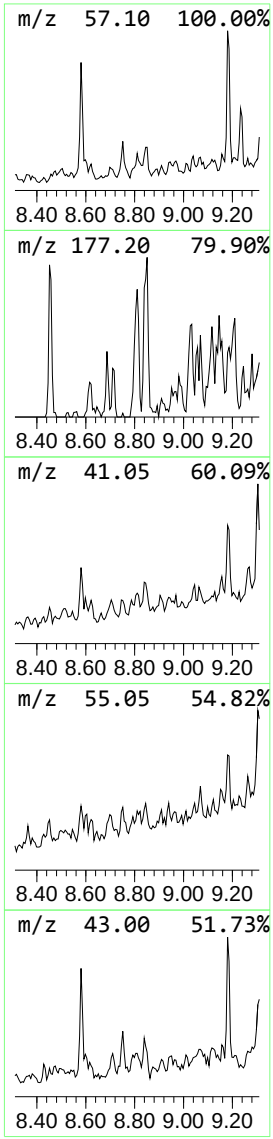
****

Peak Number 4 unknown8.810 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.810	2.42 ng	249679	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 2-amino-7-met...	177	C7H7N5O	013040-58-9	49
2	4(1H)-Pteridinone, 2-amino-6-met...	177	C7H7N5O	000708-75-8	47
3	Benzofuran-2-one, 4-amino-2,3-di...	177	C10H11NO2	1000129-51-7	38
4	2-Thiazolamine, 4-(4-pyridinyl)-	177	C8H7N3S	1000351-69-3	38
5	Benzeneacetonitrile, 3,4-dimethoxy-	177	C10H11NO2	000093-17-4	38





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

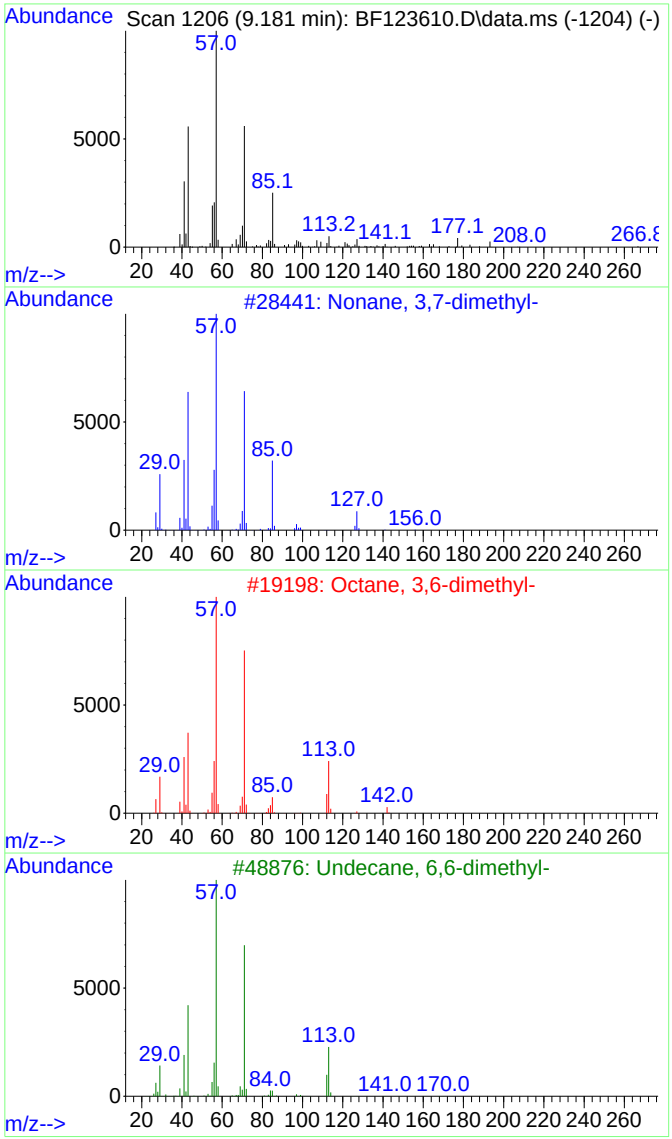
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

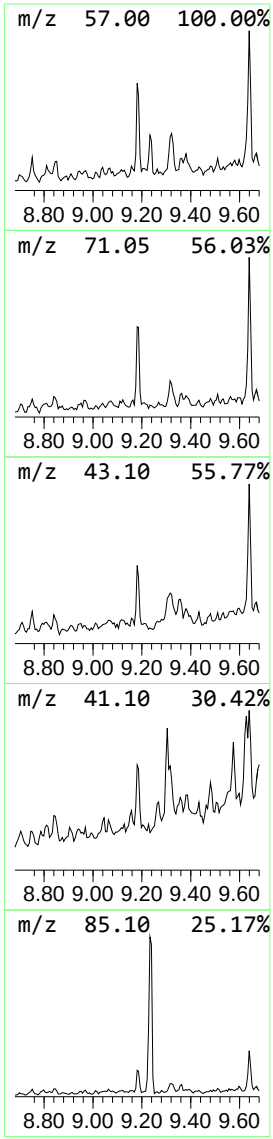
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	2.41 ng	296752	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	47
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	47





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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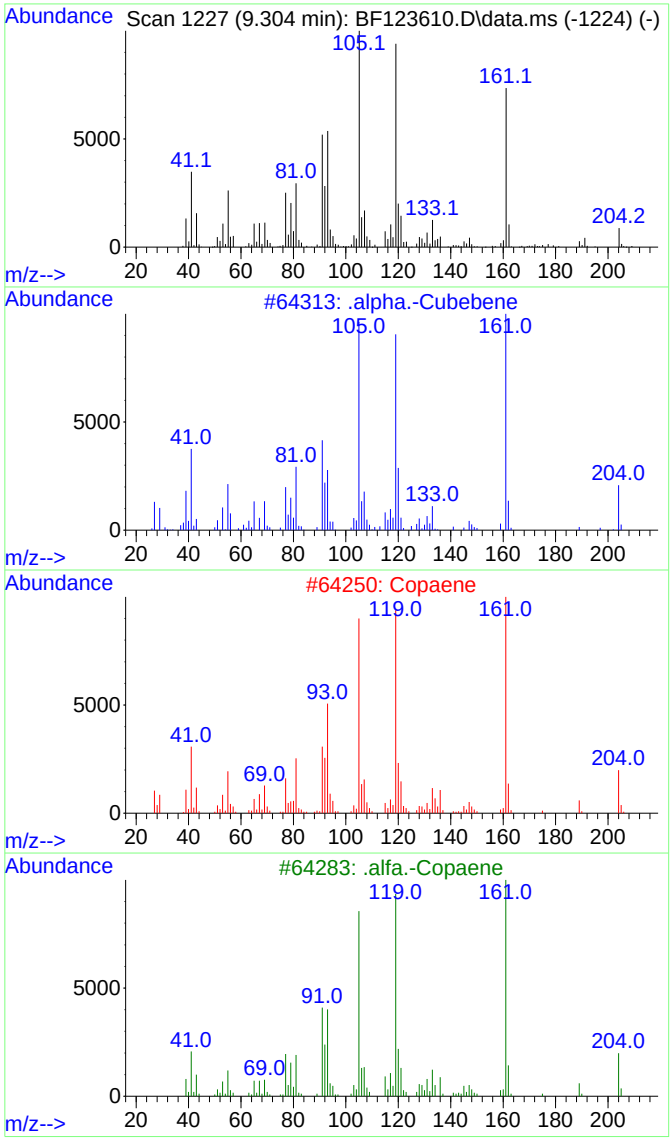
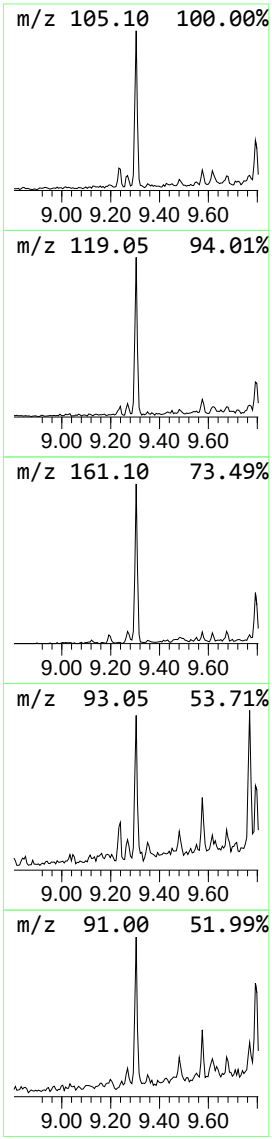
Peak Number 6 .alpha.-Cubebene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	8.79 ng	1081090	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cubebene	204	C15H24	017699-14-8	96
2	Copaene	204	C15H24	003856-25-5	95
3	.alfa.-Copaene	204	C15H24	1000360-33-0	94
4	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	91
5	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	58





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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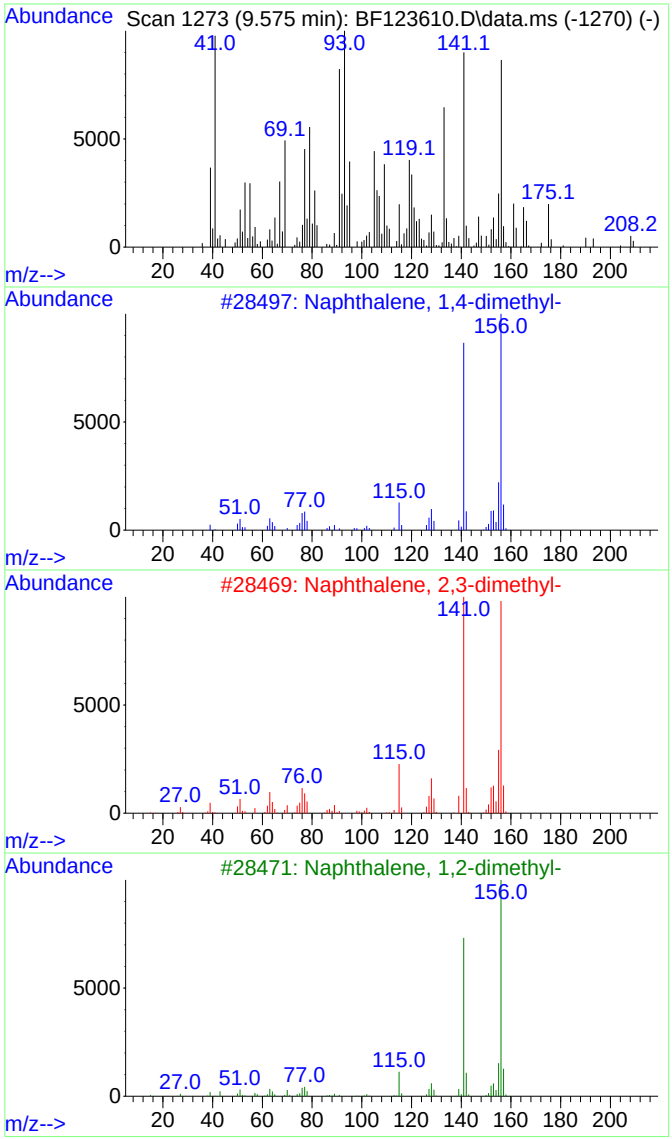
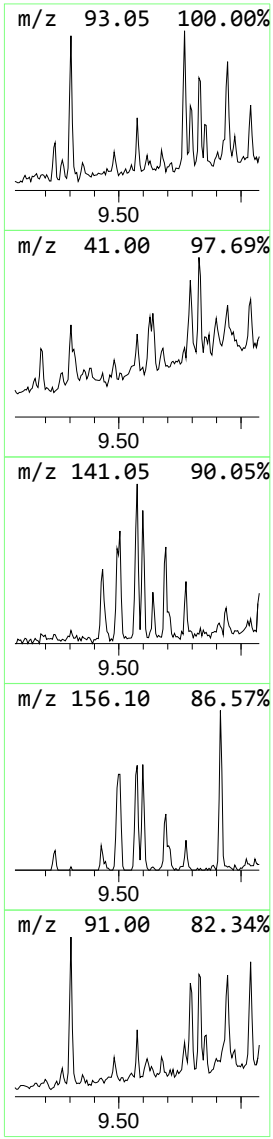
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	2.30 ng	282622	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	70
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	60
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	50





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Data File : BF123610.D
Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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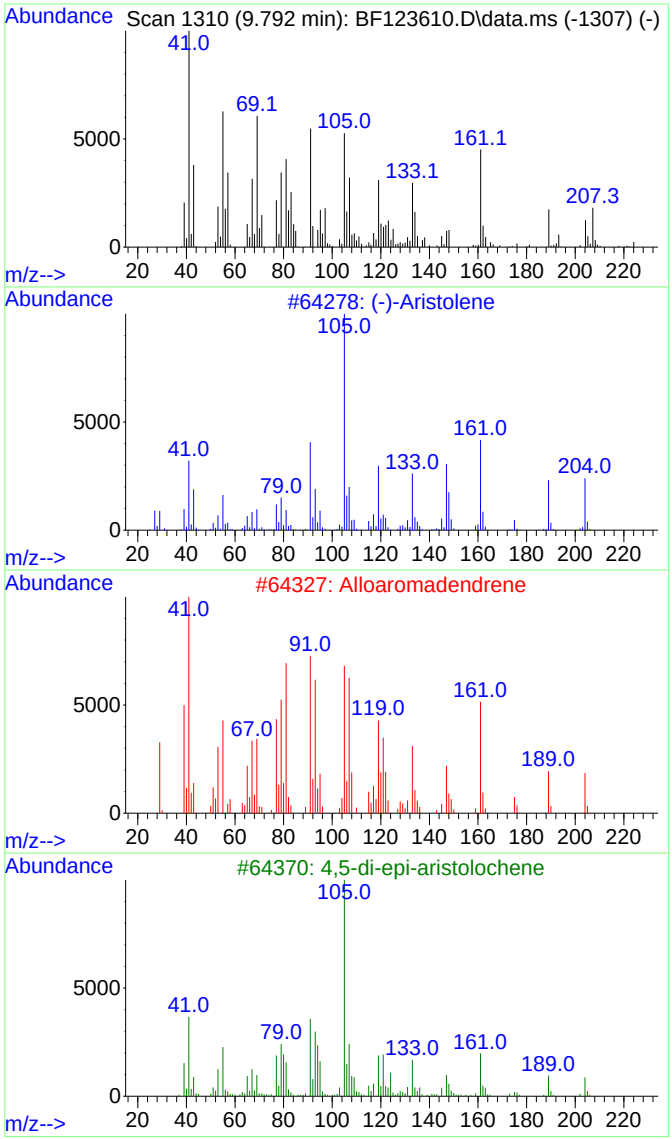
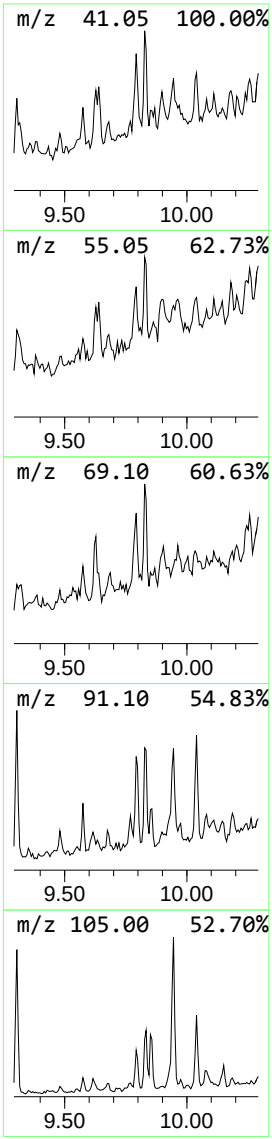
Peak Number 8 (-)-Aristolene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	6.07 ng	746421	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Aristolene	204	C15H24	006831-16-9	68
2	Alloaromadendrene	204	C15H24	025246-27-9	58
3	4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	52
4	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	52
5	Aromandendrene	204	C15H24	000489-39-4	50





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Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

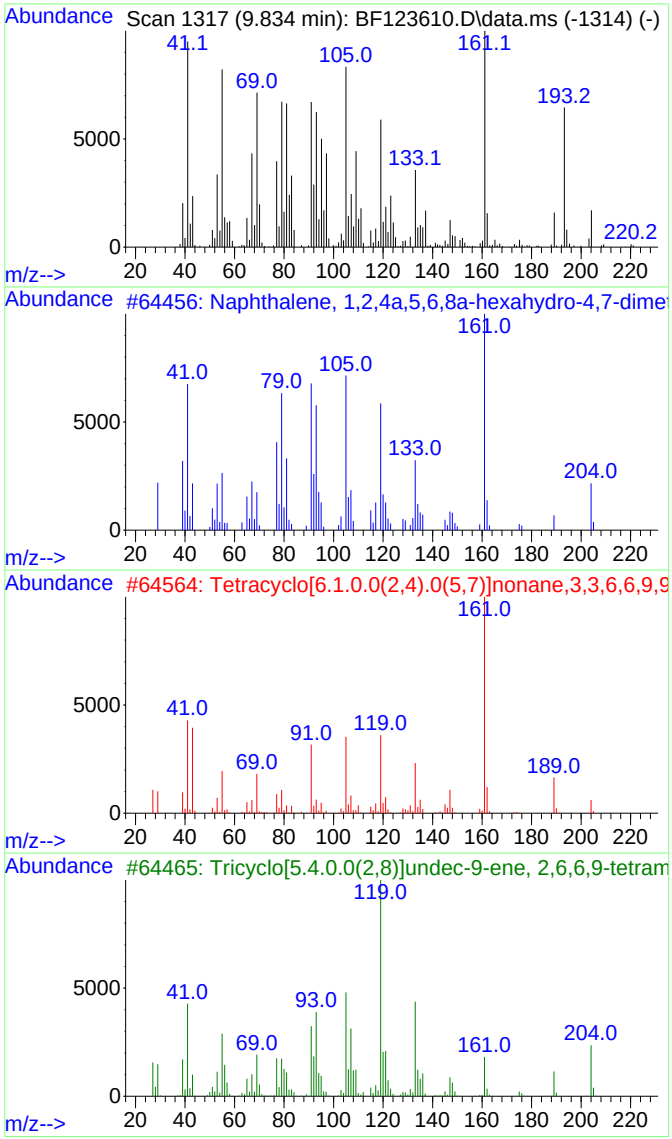
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

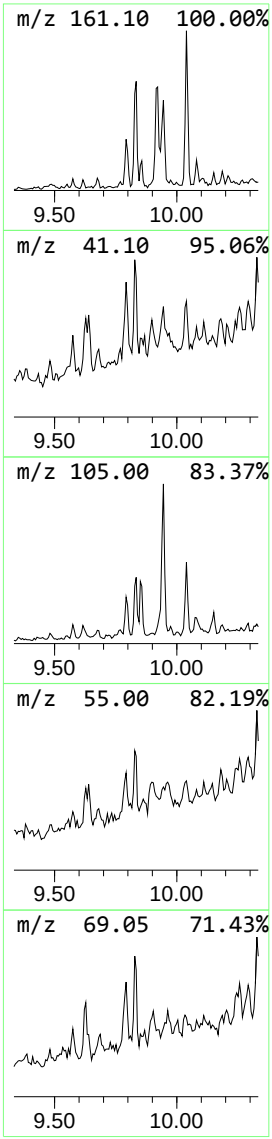
****

Peak Number 9 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	6.78 ng	833585	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	86
2	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	86
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	60
4	Ylangene	204	C15H24	014912-44-8	52
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	50





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Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

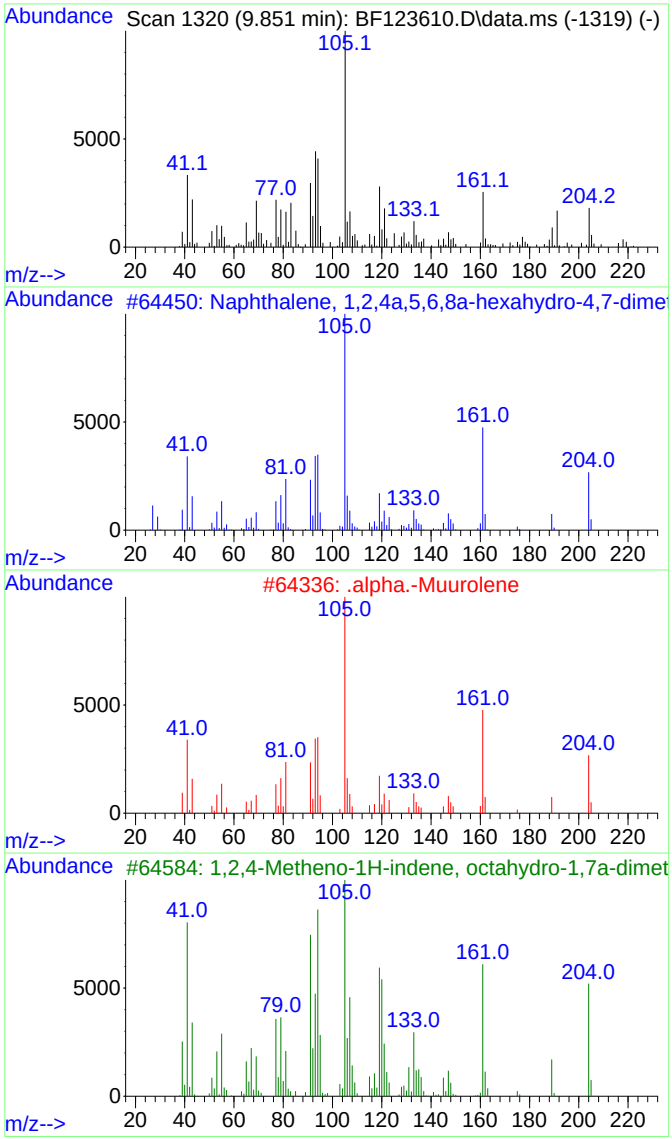
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

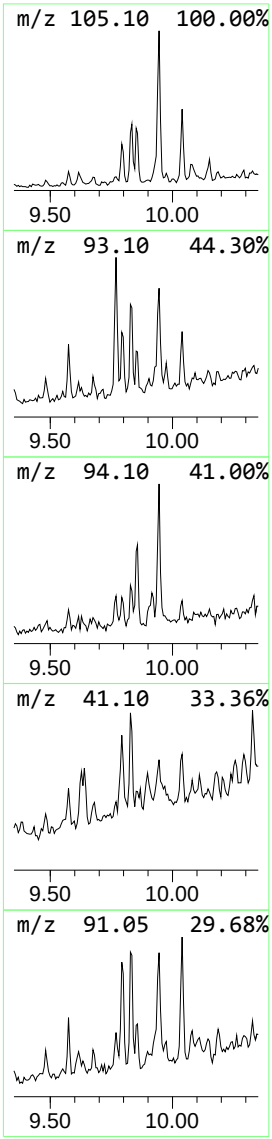
****

Peak Number 10 .alpha.-Muurolene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	2.50 ng	307155	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	90
2	.alpha.-Muurolene	204	C15H24	031983-22-9	90
3	1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	83
4	.alpha.-Muurolene	204	C15H24	010208-80-7	81
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	52





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

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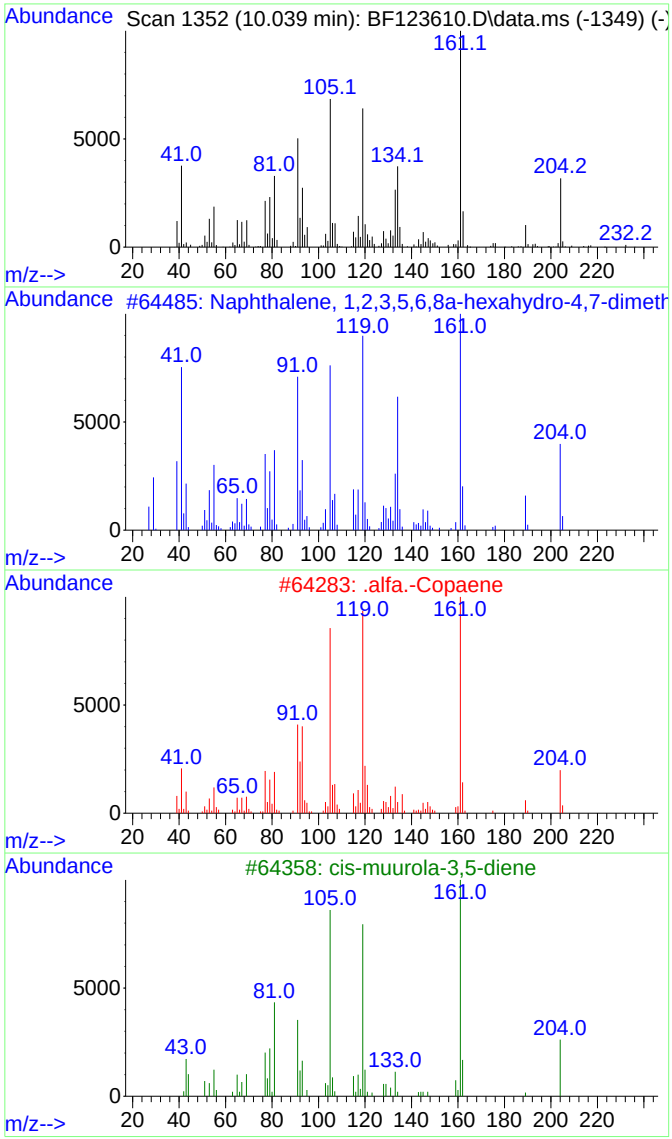
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

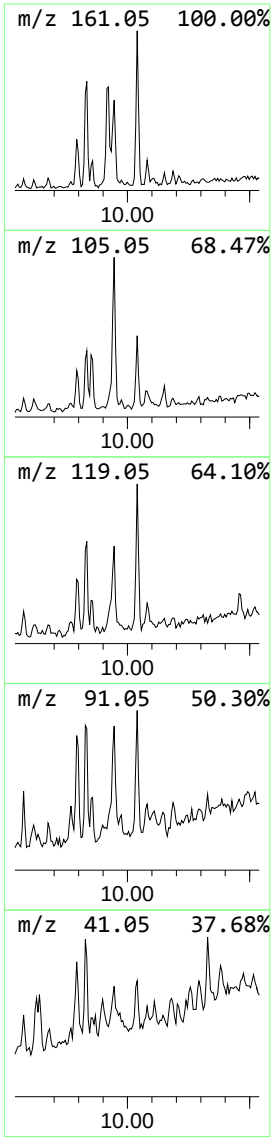
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	4.42 ng	543964	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	94
2	.alfa.-Copaene	204	C15H24	1000360-33-0	89
3	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	89
4	.gamma.-Muurolene	204	C15H24	030021-74-0	76
5	Isoledene	204	C15H24	1000156-10-8	76





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Sample : M2040-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
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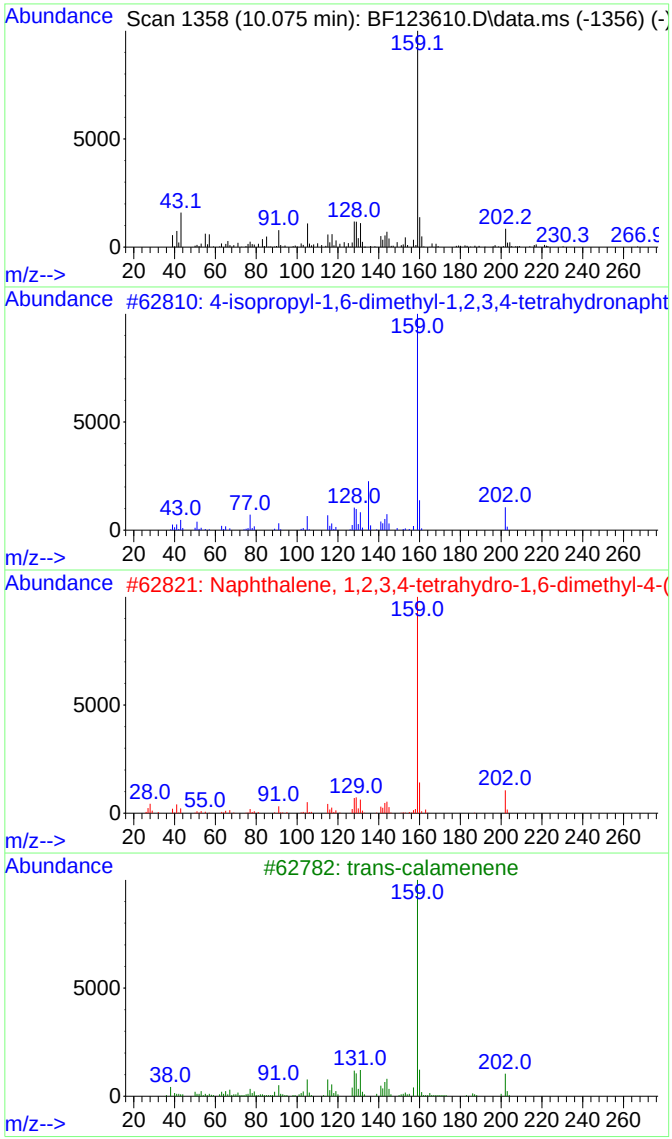
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

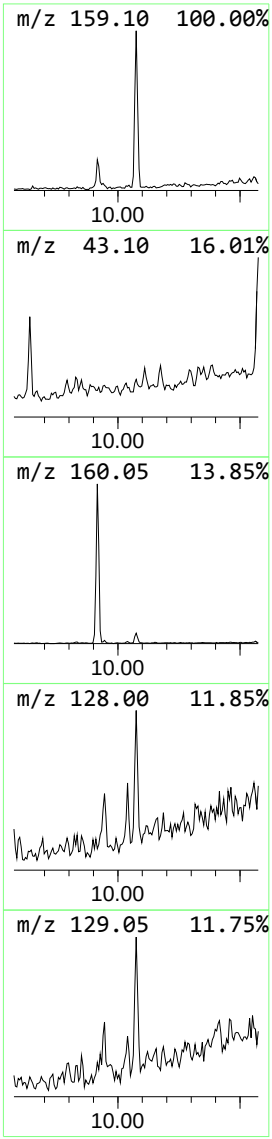
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-isopropyl-1,6-dimethyl-1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	3.15 ng	387527	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	93
3	trans-calamenene	202	C15H22	1000374-17-3	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	80
5	Cyclopropane, [(phenyl)(trimethy...	202	C13H18Si	1000154-11-9	80





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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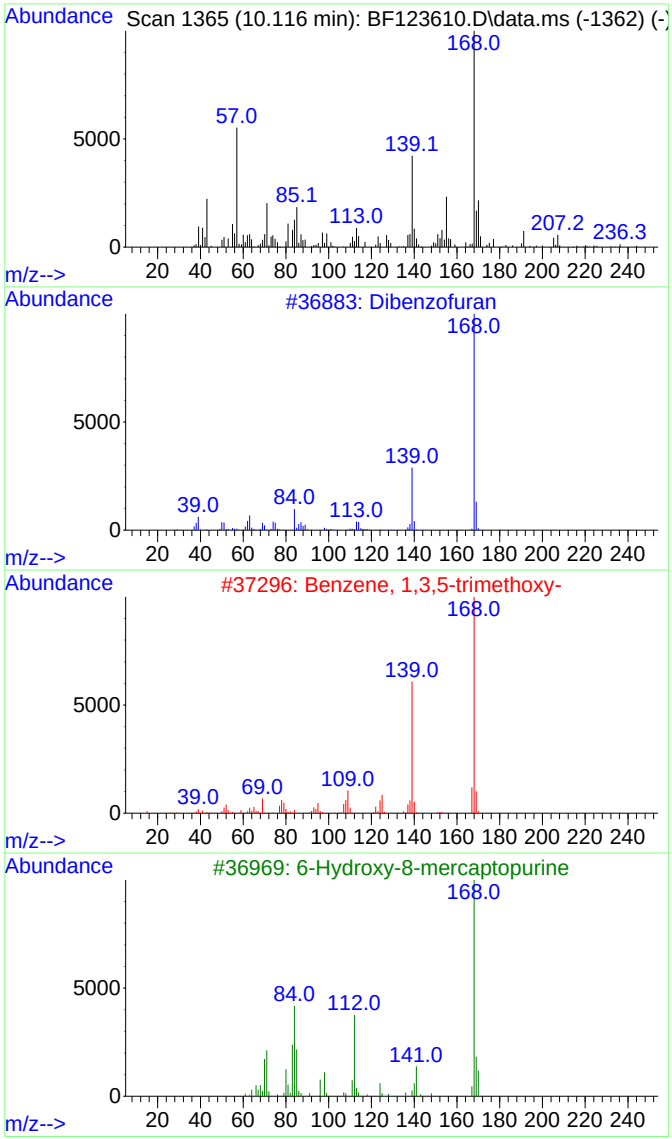
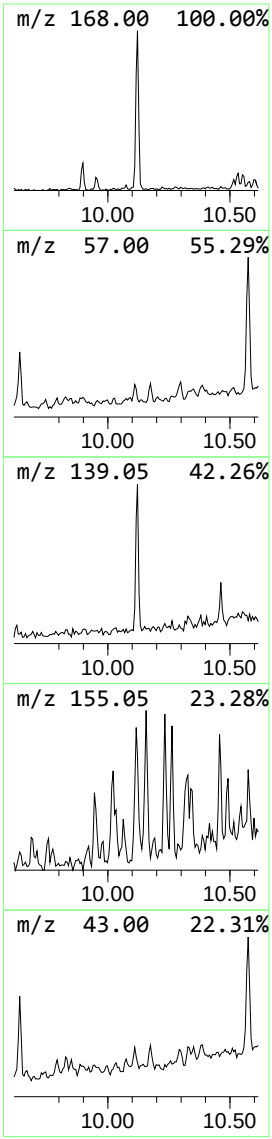
Peak Number 13 unknown10.116 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	2.41 ng	296149	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	37
3	6-Hydroxy-8-mercaptopurine	168	C5H4N4OS	006305-94-8	37
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	35
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	35





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Instrument : BNA_F
ClientSampleId : FILL-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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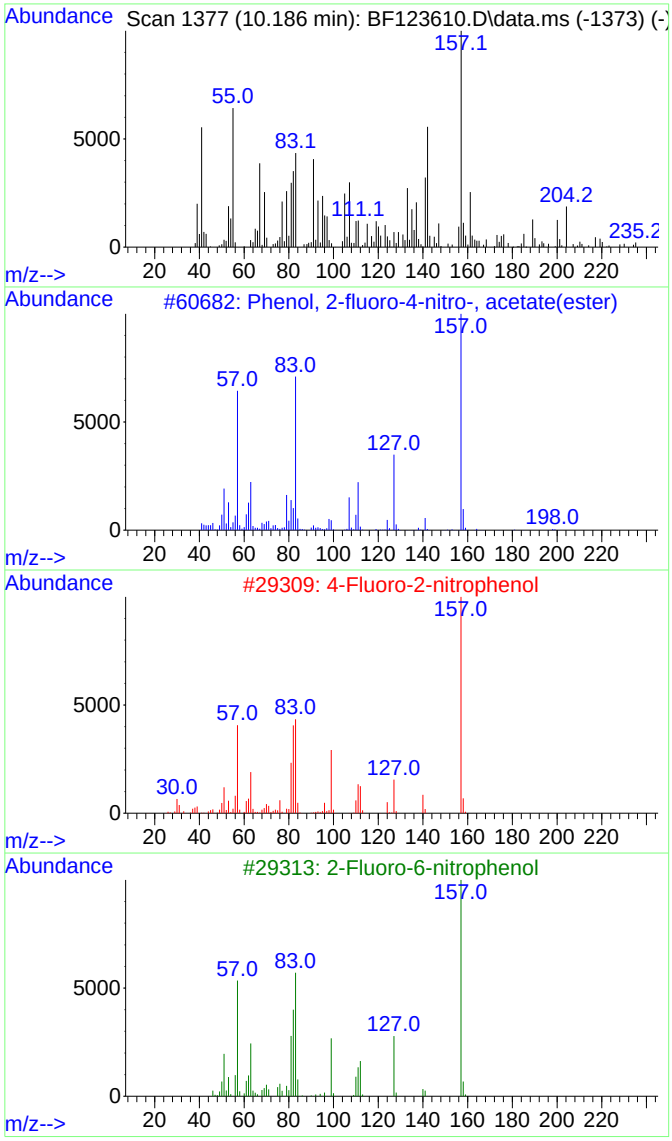
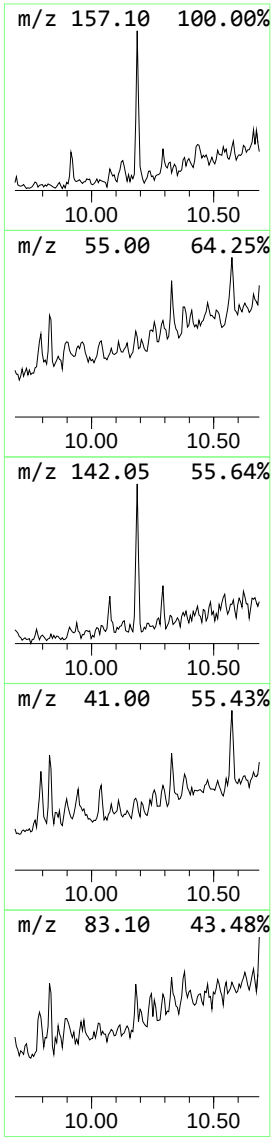
Peak Number 14 unknown10.186 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	2.99 ng	368223	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-fluoro-4-nitro-, aceta...	199	C8H6FNO4	1000125-98-6	35
2	4-Fluoro-2-nitrophenol	157	C6H4FNO3	000394-33-2	30
3	2-Fluoro-6-nitrophenol	157	C6H4FNO3	001526-17-6	30
4	Glutaric acid, di(3-(2-methoxyet...	444	C25H48O6	1000358-53-1	27
5	Phthalic acid, di(3-(2-methoxyet...	478	C28H46O6	1000315-40-0	27





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Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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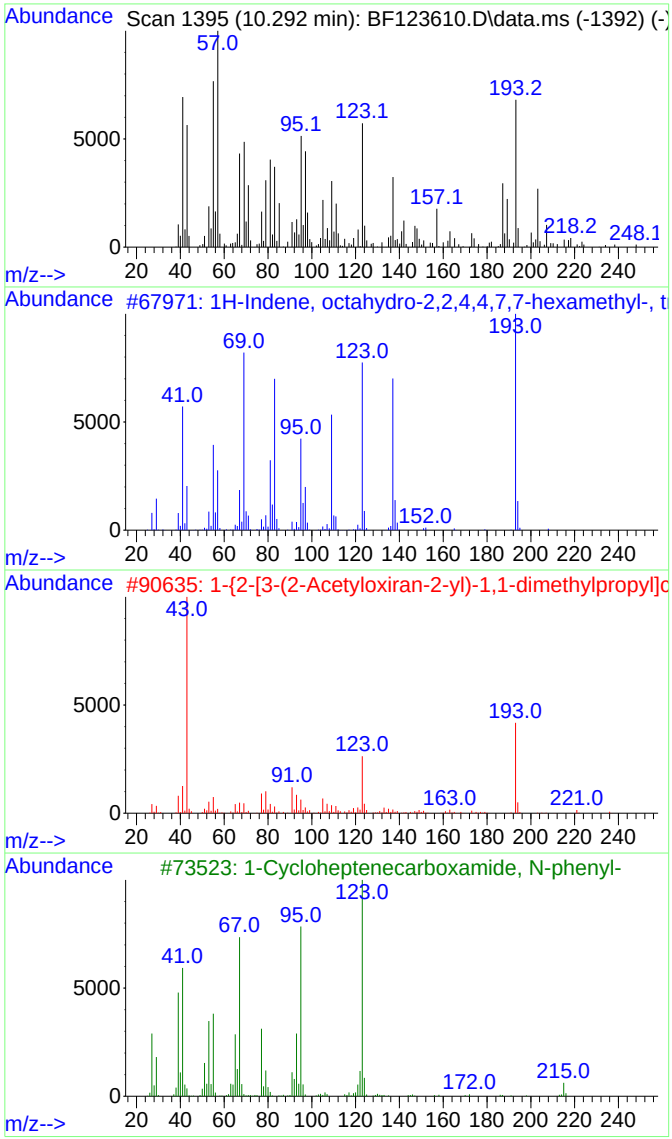
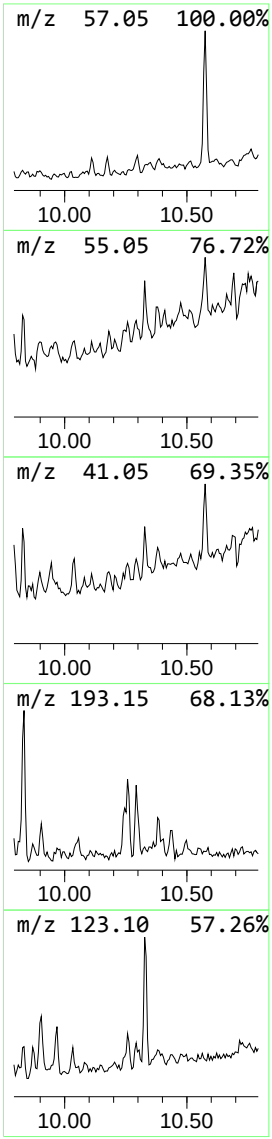
Peak Number 15 unknown10.292 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	3.14 ng	385976	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
2	1-{2-[3-(2-Acetyloxiran-2-yl)-1,...	236	C14H20O3	1000192-75-5	22
3	1-Cycloheptenecarboxamide, N-phe...	215	C14H17NO	1000158-85-5	15
4	(1Ar-(1aalpha,4abeta,8as(*)))-4a...	222	C13H18O3	1000242-02-8	15
5	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	14





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Sample : M2040-03
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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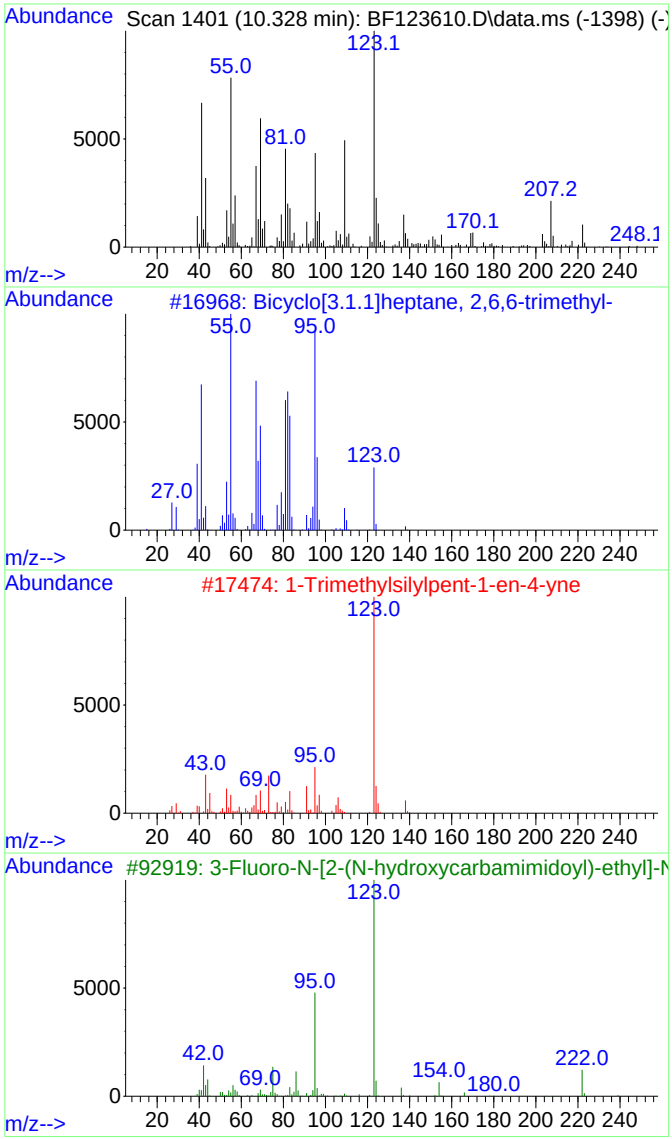
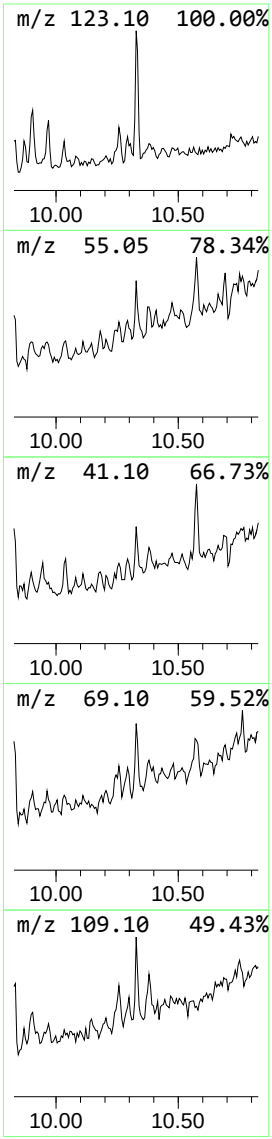
Peak Number 16 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	6.59 ng	811025	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	56
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
3	3-Fluoro-N-[2-(N-hydroxycarbamim...	239	C11H14FN3O2	1000297-41-5	43
4	Diallyldivinylsilane	164	C10H16Si	119901-88-1	43
5	3-(2-Ethyl-imidazol-1-yl)-propio...	168	C8H12N2O2	1000277-78-0	43





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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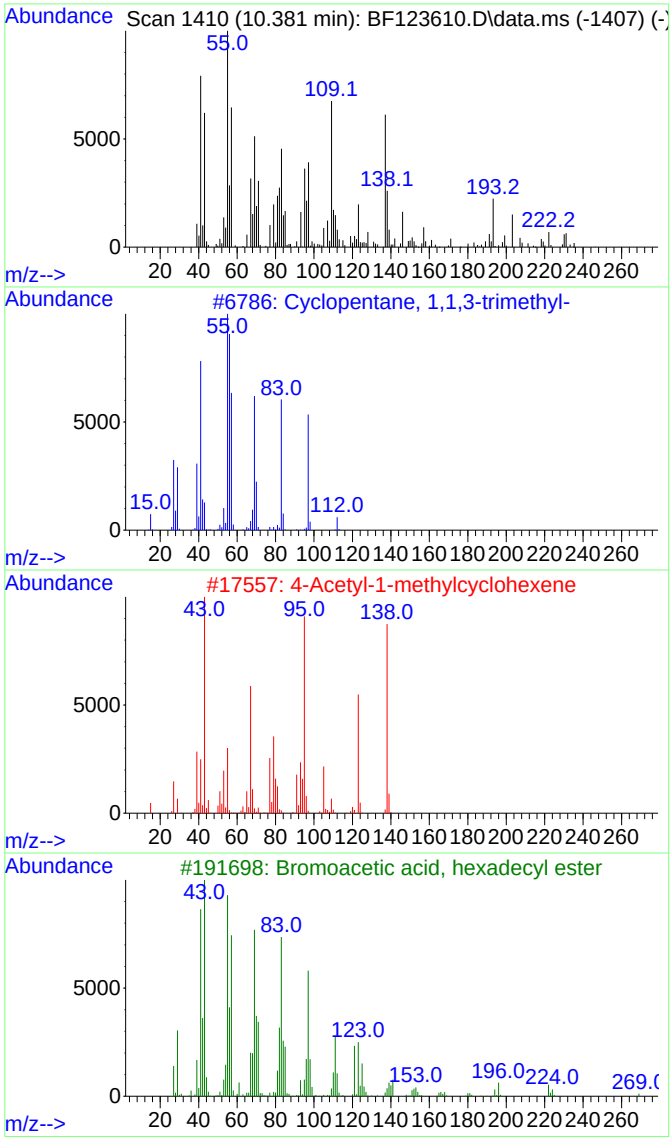
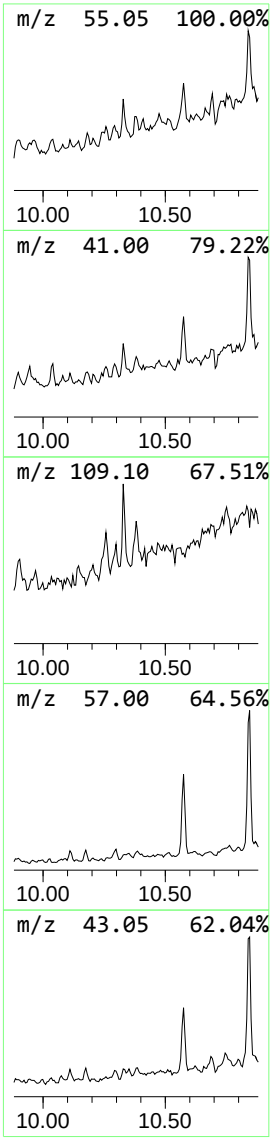
Peak Number 17 unknown10.381 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	3.64 ng	448396	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	35
2	4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	25
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	25
4	Octacosyl acetate	452	C30H60O2	018206-97-8	22
5	Tetradecanal	212	C14H28O	000124-25-4	22





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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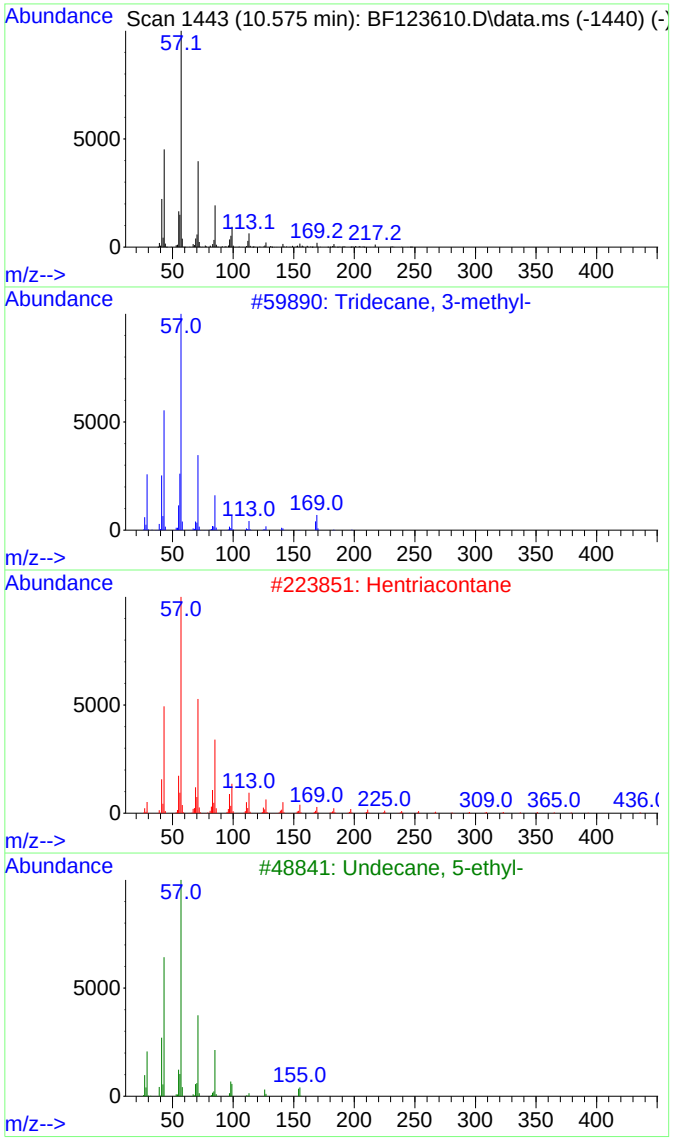
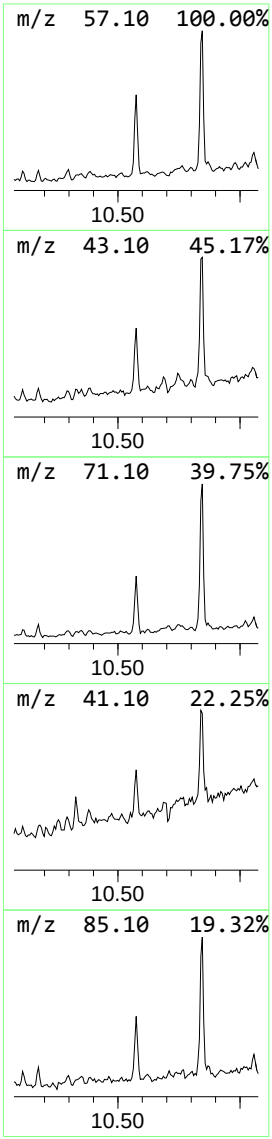
Peak Number 18 Tridecane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	6.82 ng	838937	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
2	Hentriacontane	437	C31H64	000630-04-6	78
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4	Pentadecane	212	C15H32	000629-62-9	59
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53





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Instrument : BNA_F
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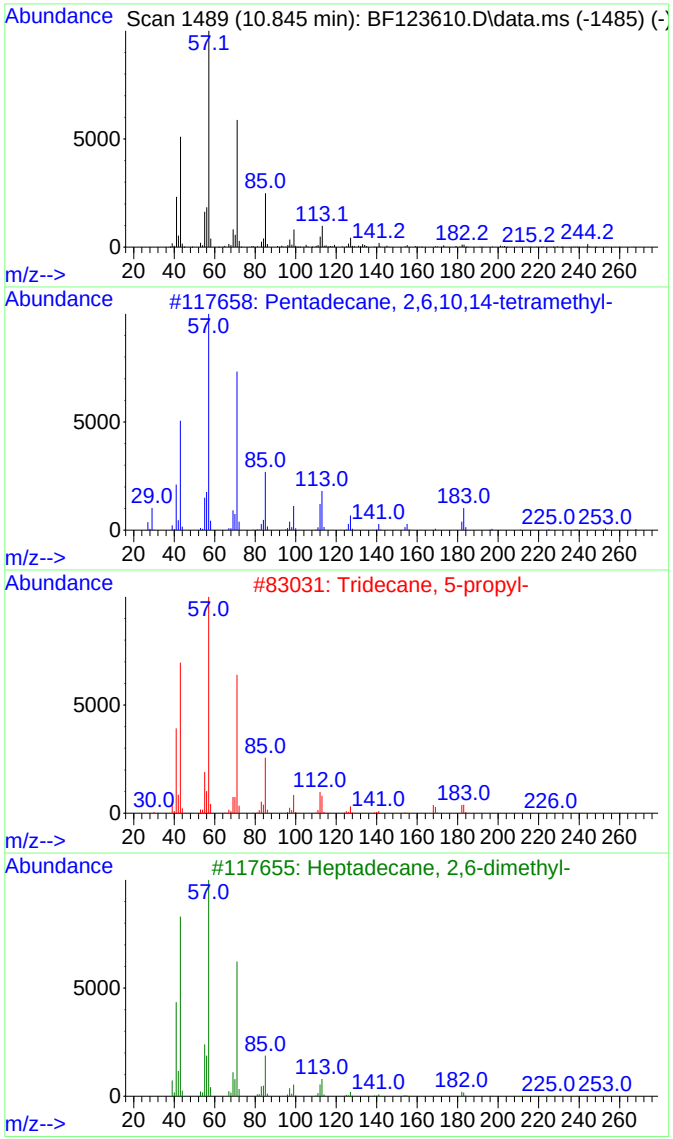
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

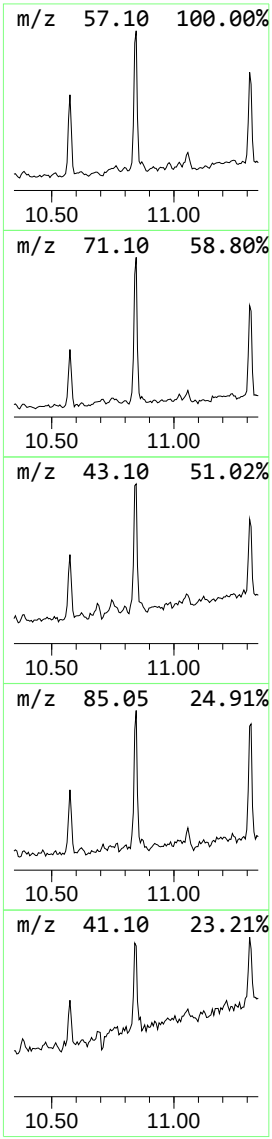
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	32.16 ng	2476520	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
4	Heptacosane	380	C27H56	000593-49-7	78
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





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Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

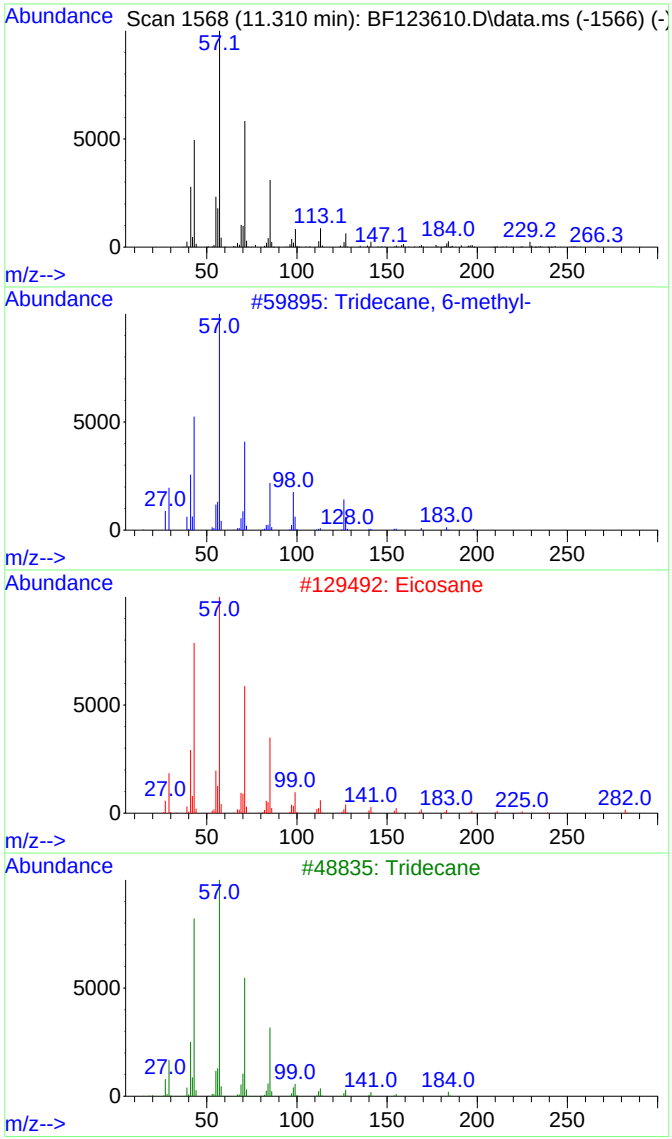
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

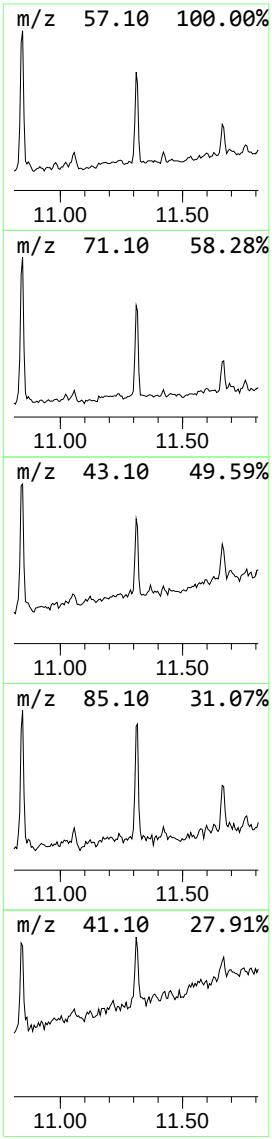
****

Peak Number 20 Tridecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	18.30 ng	1409130	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Hexadecane	226	C16H34	000544-76-3	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123610.D
Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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-metho...	2.140	48.8	ng	3909790	1	6.869	1602880	20.0
2-Pentanone, 4-...	5.093	3.7	ng	293868	1	6.869	1602880	20.0
Benzene, 1,2,3-...	6.698	2.1	ng	171468	1	6.869	1602880	20.0
unknown8.810	8.810	2.4	ng	249679	2	8.157	2066420	20.0
Nonane, 3,7-dim...	9.181	2.4	ng	296752	3	9.916	2460490	20.0
.alpha.-Cubebene	9.304	8.8	ng	1081090	3	9.916	2460490	20.0
Naphthalene, 1,...	9.575	2.3	ng	282622	3	9.916	2460490	20.0
(-)-Aristolene	9.792	6.1	ng	746421	3	9.916	2460490	20.0
Naphthalene, 1,...	9.834	6.8	ng	833585	3	9.916	2460490	20.0
.alpha.-Muurolene	9.851	2.5	ng	307155	3	9.916	2460490	20.0
Naphthalene, 1,...	10.039	4.4	ng	543964	3	9.916	2460490	20.0
4-isopropyl-1,6...	10.075	3.1	ng	387527	3	9.916	2460490	20.0
unknown10.116	10.116	2.4	ng	296149	3	9.916	2460490	20.0
unknown10.186	10.186	3.0	ng	368223	3	9.916	2460490	20.0
unknown10.292	10.292	3.1	ng	385976	3	9.916	2460490	20.0
Bicyclo[3.1.1]h...	10.328	6.6	ng	811025	3	9.916	2460490	20.0
unknown10.381	10.381	3.6	ng	448396	3	9.916	2460490	20.0
Tridecane, 3-me...	10.575	6.8	ng	838937	3	9.916	2460490	20.0
Pentadecane, 2,...	10.845	32.2	ng	2476520	4	11.410	1540260	20.0
Tridecane, 6-me...	11.310	18.3	ng	1409130	4	11.410	1540260	20.0