LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

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-BF010719.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	5.504	577	581	589	rBV	368482	334859	9.19%	1.053%
2	6.410	732	735	744	rBV3	70065	121210	3.33%	0.381%
3	6.516	744	753	757	rBV	402848	457457	12.55%	1.439%
4	6.645	770	775	780	rBV	434783	398086	10.92%	1.252%
5	6.875	811	814	821	rVB2	169187	192576	5.28%	0.606%
6	7.028	837	840	844	rBV	329369	297359	8.16%	0.935%
7	7.151	858	861	865	rVB2	95118	87444	2.40%	0.275%
8	7.275	879	882	884	rBV2	128163	108892	2.99%	0.342%
9	7.304	884	887	893	rVB4	59998	85092	2.33%	0.268%
10	7.404	899	904	906	rBV3	75064	114816	3.15%	0.361%
11	7.428	906	908	911	rVB	207103	167261	4.59%	0.526%
12	7.522	919	924	927	rVB4	133029	212715	5.84%	0.669%
13	7.569	927	932	936	rBV5	57394	130170	3.57%	0.409%
14	7.686	949	952	954	rBV	120441	100667	2.76%	0.317%
15	7.757	960	964	966	rBV2	86498	95809	2.63%	0.301%
16	7.798	969	971	975	rBV3	166886	165695	4.55%	0.521%
17	7.922	986	992	994	rBV6	51812	82842	2.27%	0.261%
18	7.975	998	1001	1005	rBV4	71420	106786	2.93%	0.336%
19	8.039	1008	1012	1014	rBV3	84809	101298	2.78%	0.319%
20	8.157	1027	1032	1035	rBV	192246	263382	7.23%	0.828%
21	8.222	1040	1043	1045	rVB	263100	229146	6.29%	0.721%
22	8.245	1045	1047	1050	rBV2	99800	111982	3.07%	0.352%
23	8.316	1055	1059	1060	rBV3	75453	82446	2.26%	0.259%
24	8.369	1064	1068	1070	rVB2	104233	113270	3.11%	0.356%
25	8.451	1078	1082	1084	rVB4	107274	113480	3.11%	0.357%
26	8.510	1089	1092	1094	rBV3	93080	98592	2.71%	0.310%
27	8.545	1094	1098	1101	rBV4	65907	89822	2.46%	0.283%
28	8.580	1101	1104	1106	rBV	474020	367826	10.09%	1.157%
29	8.669	1116	1119	1120	rBV2	79848	74365	2.04%	0.234%
30	8.845	1146	1149	1152	rVB3	175188	208564	5.72%	0.656%
31	8.910	1157	1160	1162	rVB3	108043	76433	2.10%	0.240%
32	8.933	1162	1164	1168	rBV4	122741	184278	5.06%	0.580%
33	8.980	1171	1172	1174	rBV2	80271	69159	1.90%	0.218%
34	9.033	1179	1181	1185	rVB4	112557	118845	3.26%	0.374%

LSC Area Percent Report

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Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.069	1185	1187	1190	rBV3	109518	126690	3.48%	0.398%
36	9.098	1190	1192	1194	rBV2	66920	72082	1.98%	0.227%
37	9.157	1200	1202	1204	rBV2	111497	85509	2.35%	0.269%
38	9.180	1204	1206	1210	rVB	619049	504301	13.84%	1.586%
39	9.227	1211	1214	1217	rVB	499961	452141	12.41%	1.422%
40	9.322	1224	1230	1232	rBV4	413854	500037	13.72%	1.573%
41	9.463	1252	1254	1256	rBV3	84747	78983	2.17%	0.248%
42	9.504	1259	1261	1264	rBV4	85076	76974	2.11%	0.242%
43	9.545	1265	1268	1271	rBV4	258274	283279	7.77%	0.891%
44	9.580	1271	1274	1279	rVB	432075	535459	14.69%	1.684%
45	9.639	1279	1284	1286	rBV3	881003	1150874	31.58%	3.620%
46	9.686	1290	1292	1295	rBV4	130865	144030	3.95%	0.453%
47	9.792	1305	1310	1311	rBV5	329868	409607	11.24%	1.288%
48	9.827	1314	1316	1319	rVB3	488456	433067	11.88%	1.362%
49	9.904	1324	1329	1334	rVV7	455962	854309	23.44%	2.687%
50	9.951	1334	1337	1339	rBV2	643212	623557	17.11%	1.961%
51	10.022	1346	1349	1352	rBV3	204200	232589	6.38%	0.732%
52	10.175	1372	1375	1382	rBV3	412005	533231	14.63%	1.677%
53	10.233	1382	1385	1387	rBV2	387837	488697	13.41%	1.537%
54	10.286	1392	1394	1397	rVV3	315712	307753	8.44%	0.968%
55	10.333	1399	1402	1405	rVB2	521448	595172	16.33%	1.872%
56	10.574	1440	1443	1447	rVB	1323733	1409643	38.68%	4.434%
57	10.639	1452	1454	1455	rBV2	433659	389851	10.70%	1.226%
58	10.786	1477	1479	1483	rVV3	601220	843056	23.13%	2.652%
59	10.839	1483	1488	1495	rVB	2651215	3644353	100.00%	11.462%
60	11.310	1565	1568	1572	rVB	3286111	3268284	89.68%	10.279%
61	11.416	1584	1586	1589	rBV3	614053	711891	19.53%	2.239%
62	11.445	1589	1591	1596	rBV5	625574	1397712	38.35%	4.396%
63	11.663	1625	1628	1637	rVB5	1313310	2435252	66.82%	7.659%
64	12.092	1698	1701	1704	rBV2	951131	926103	25.41%	2.913%
65	12.157	1710	1712	1714	rBV	794035	613910	16.85%	1.931%
66	12.280	1730	1733	1736	rBV3	1262844	2103494	57.72%	6.616%

Sum of corrected areas: 31794514

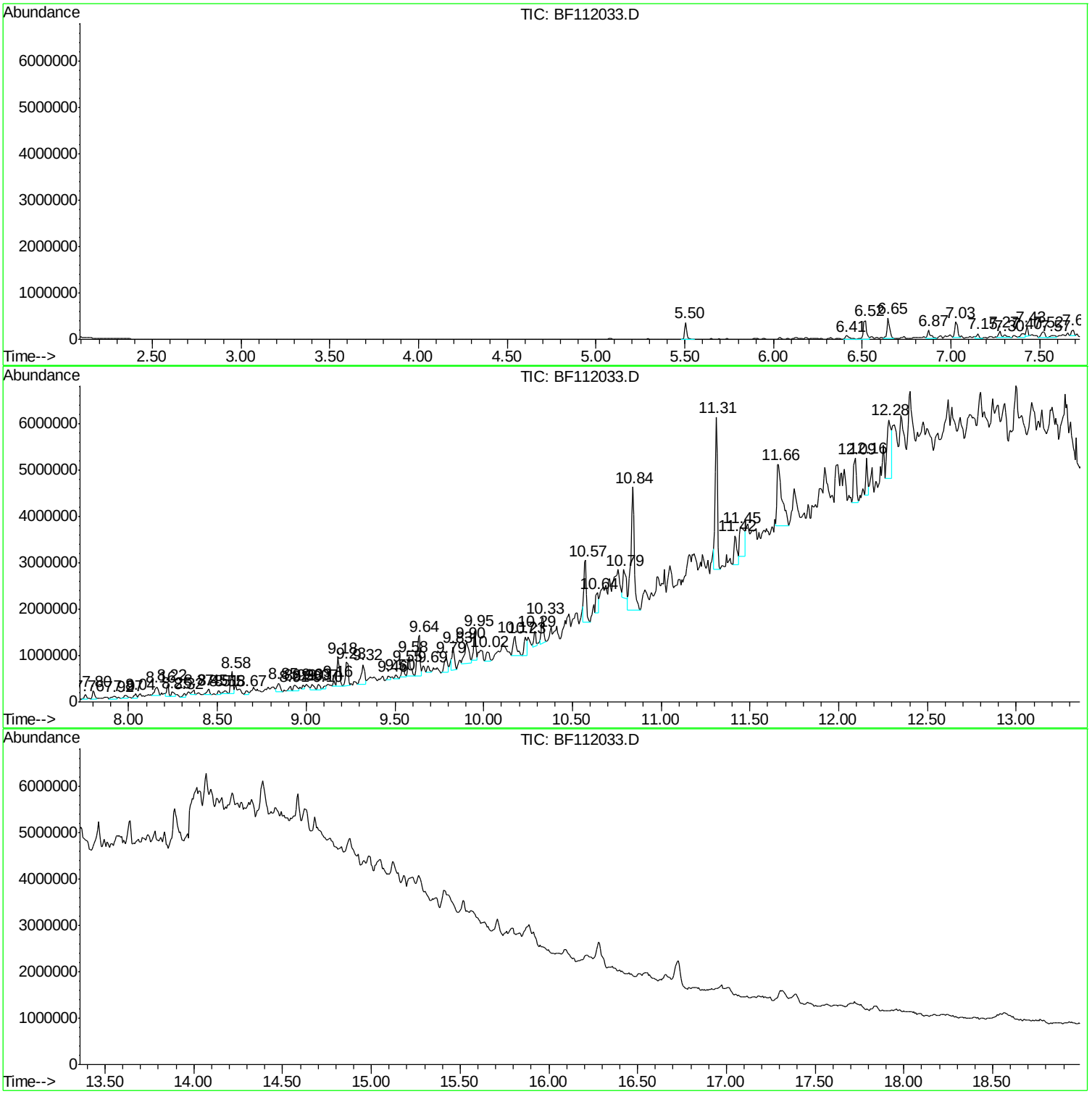
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

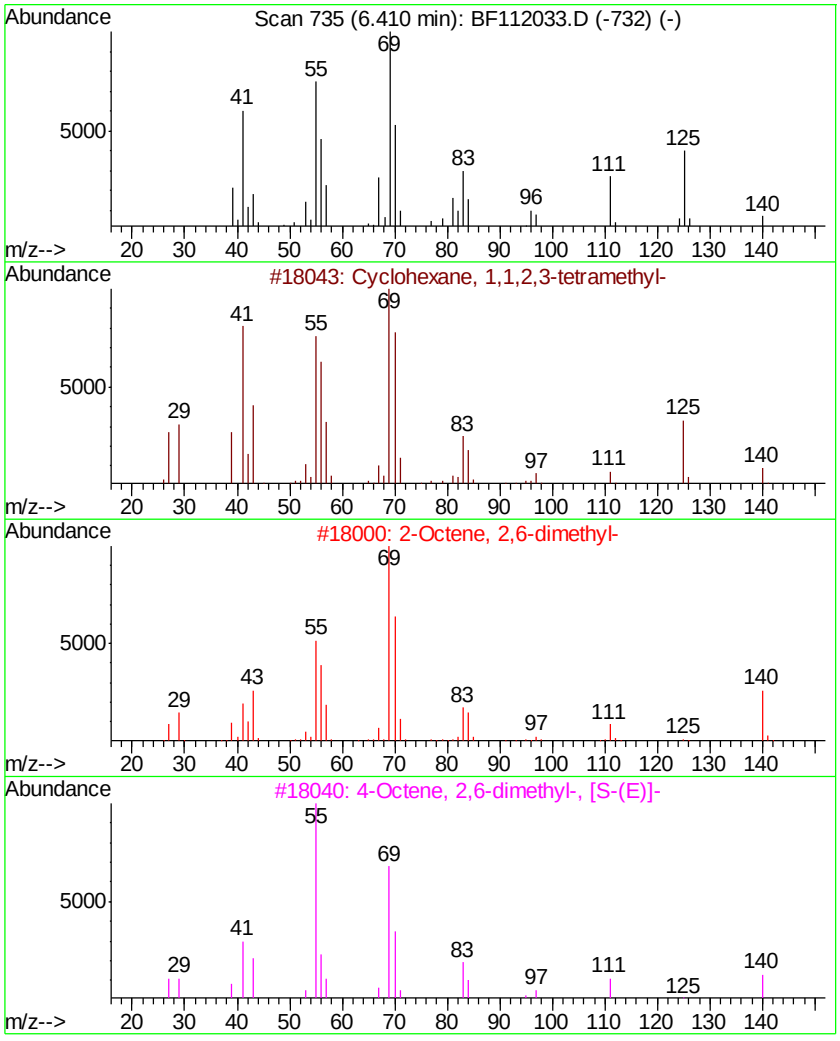
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

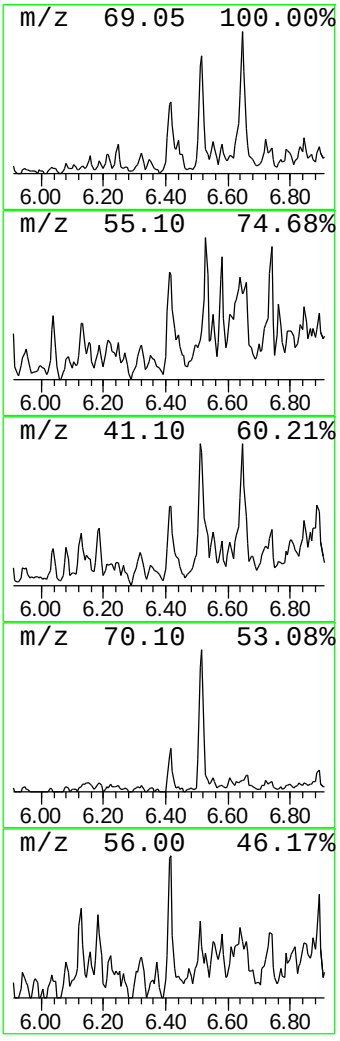
****

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	12.59 ng	121210	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	50
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	47
5	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

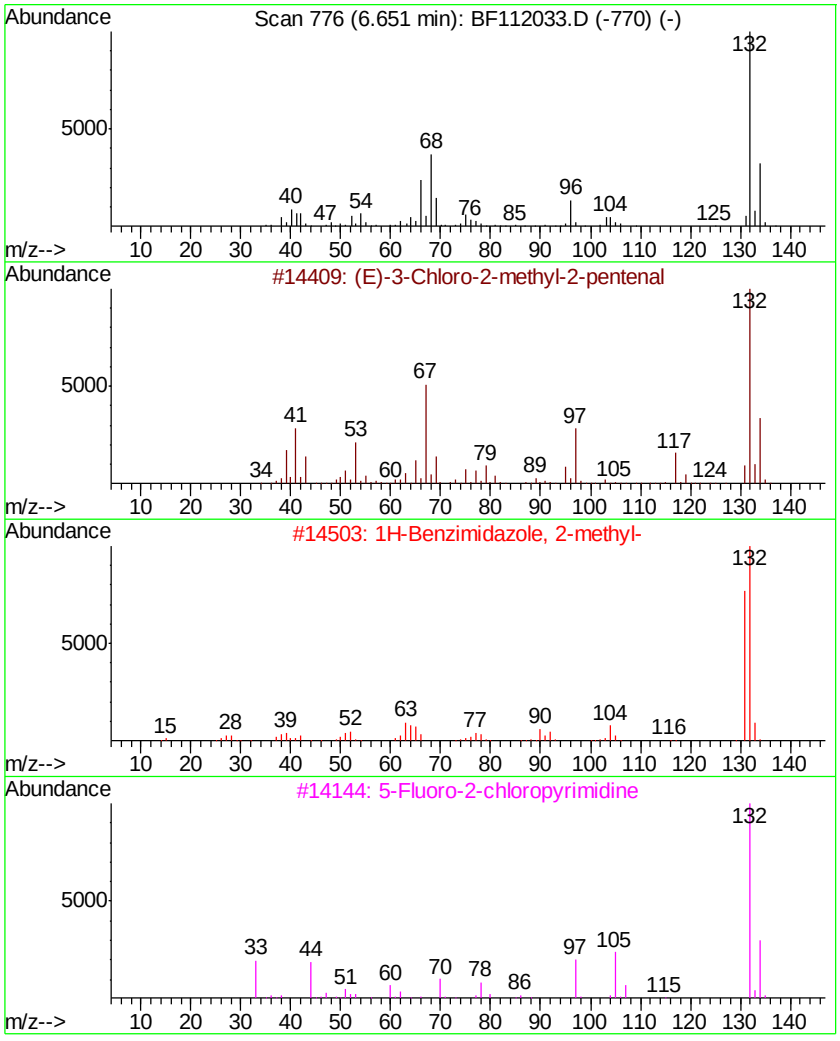
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

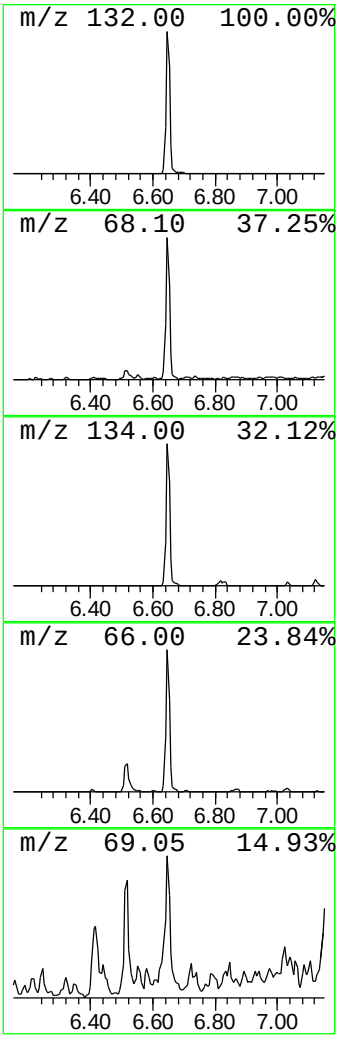
****

Peak Number 2 unknown6.65 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	41.34 ng	398086	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

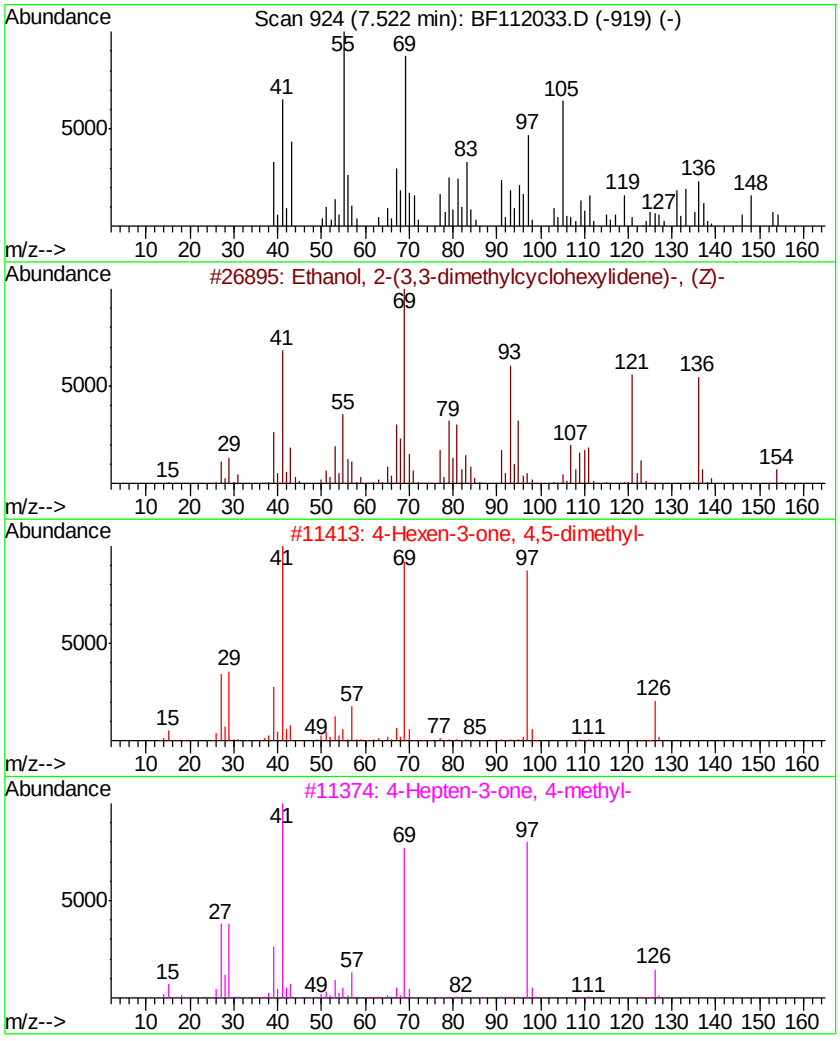
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

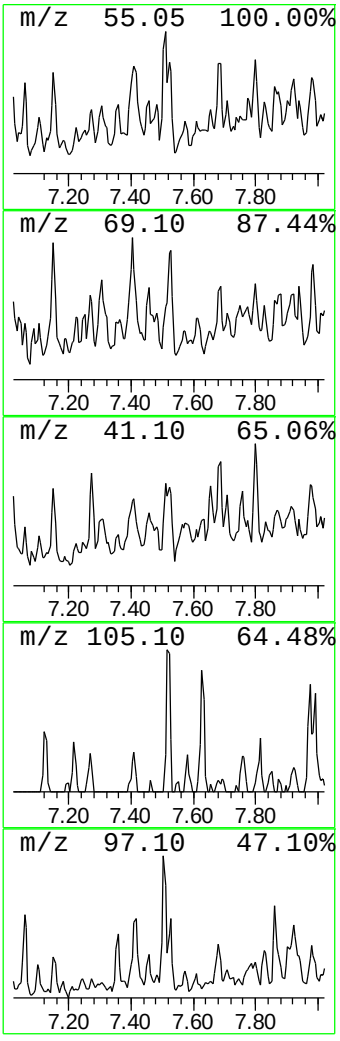
****

Peak Number 4 unknown7.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	16.15 ng	212715	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(3,3-dimethylcyclohex...	154	C10H18O	026532-23-0	41
2	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	38
3	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	38
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	38
5	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

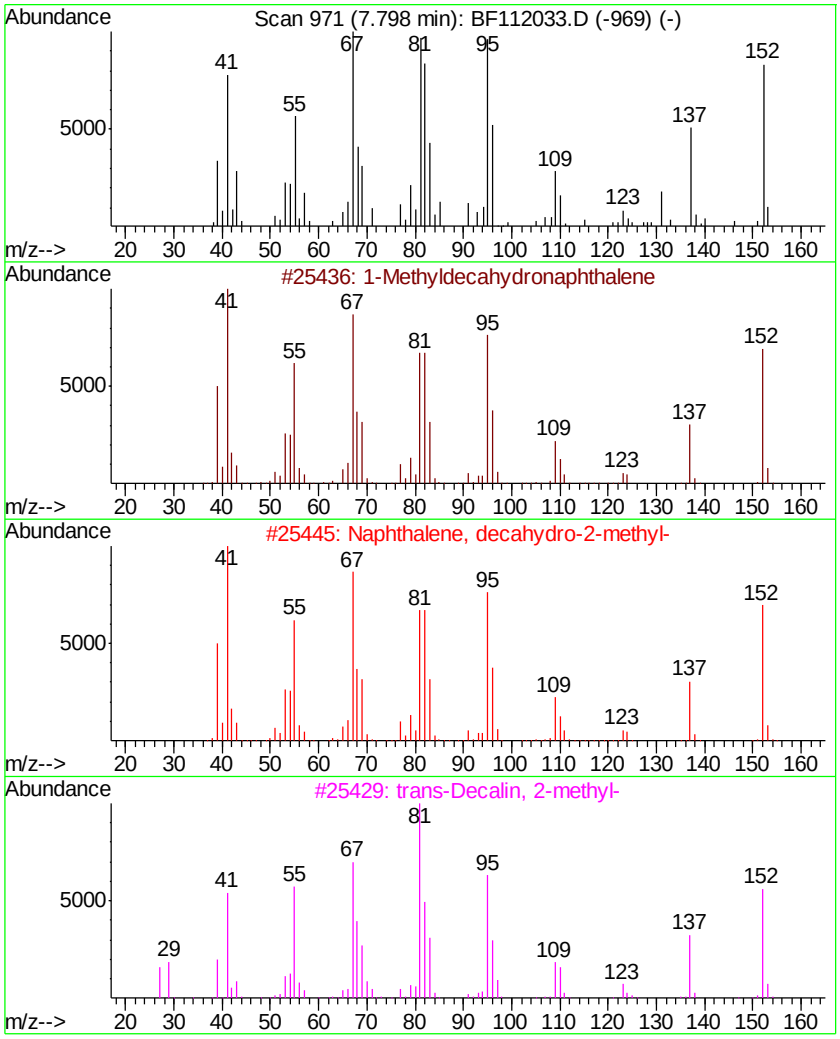
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

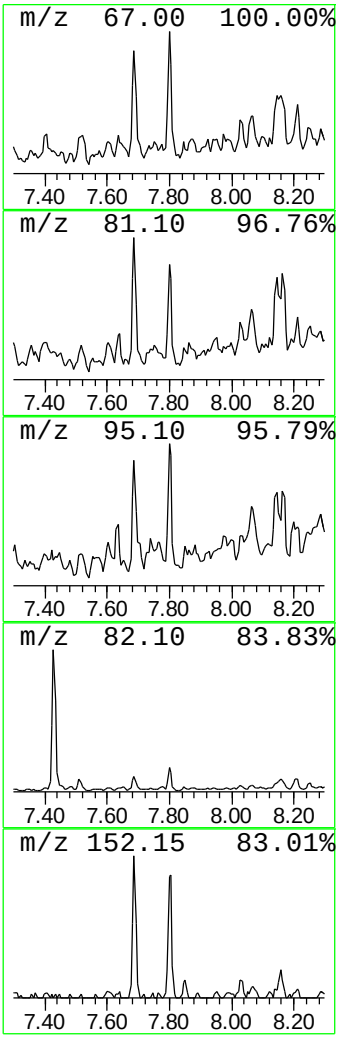
****

Peak Number 5 1-Methyldecahydronaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	12.58 ng	165695	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

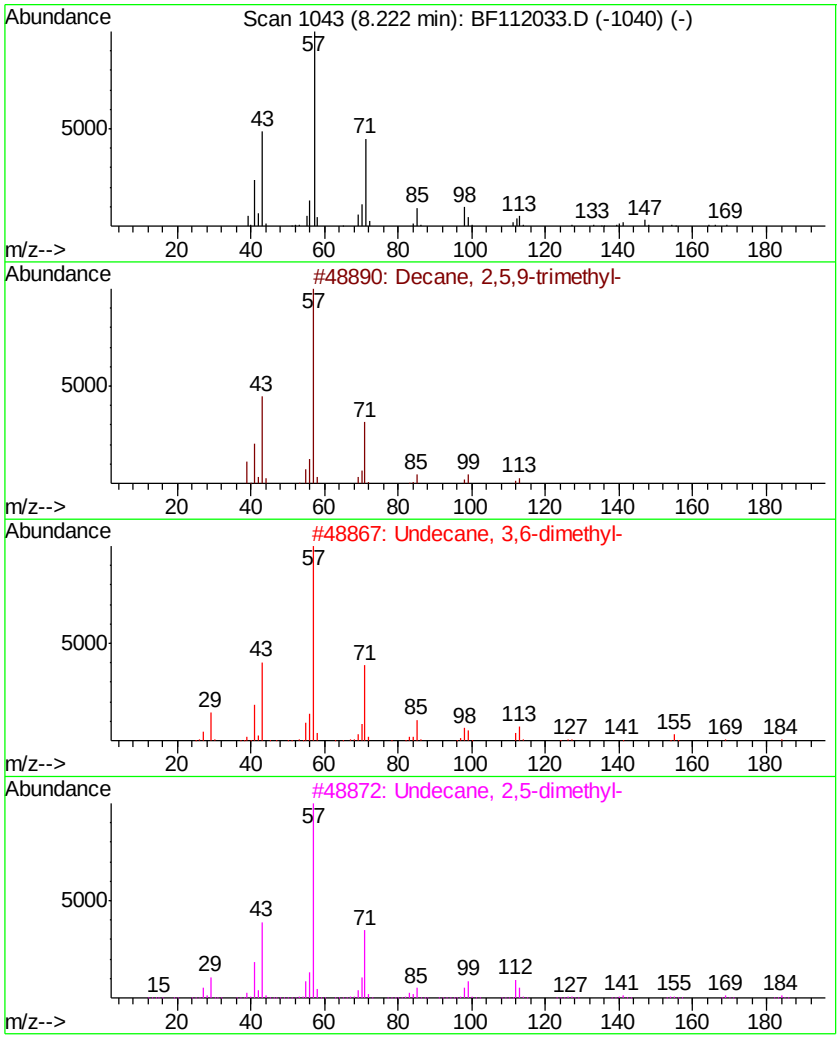
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

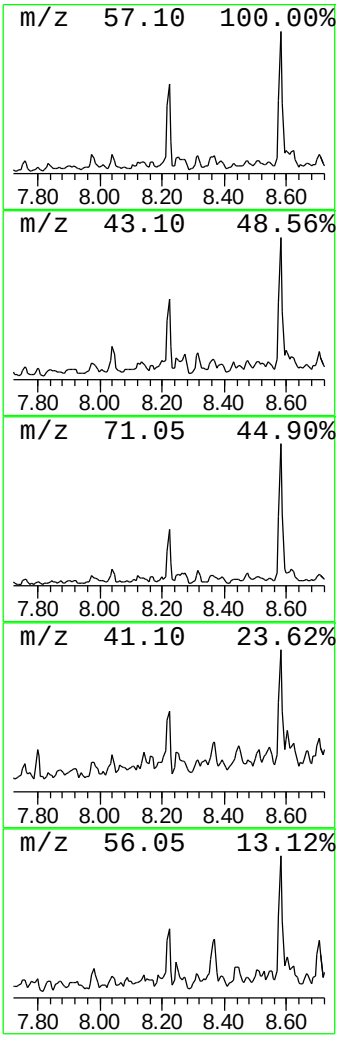
****

Peak Number 6 Decane, 2,5,9-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	17.40 ng	229146	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	78
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

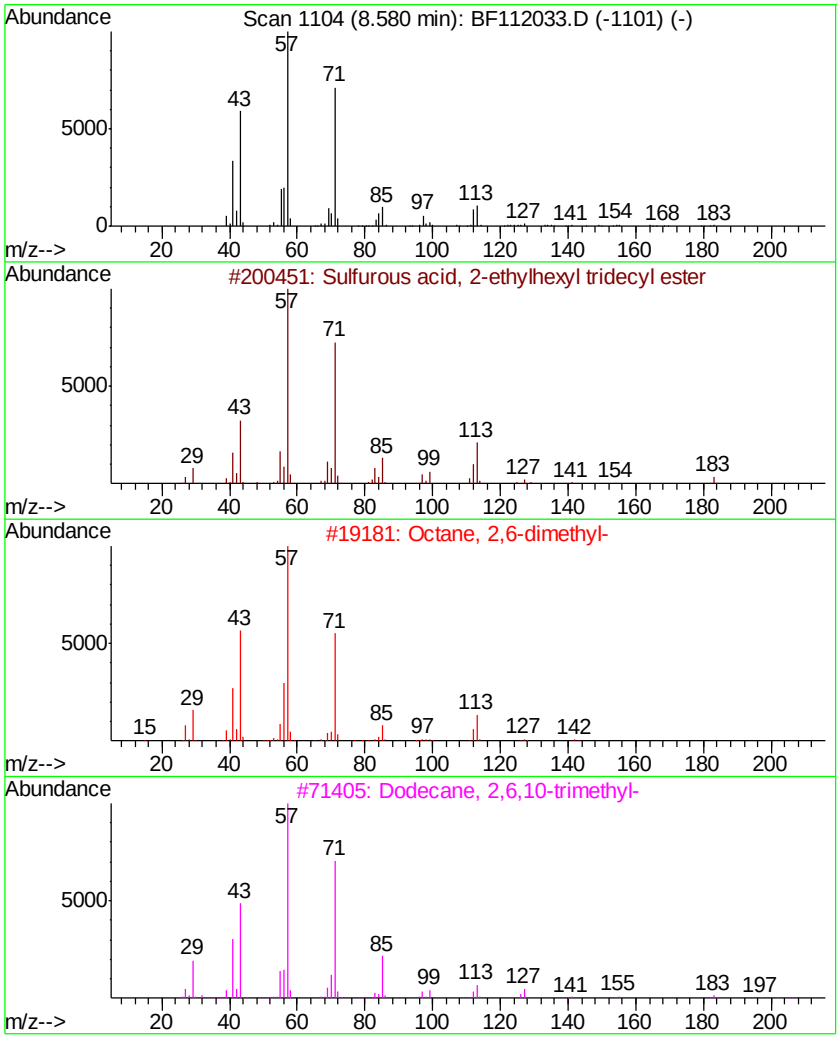
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

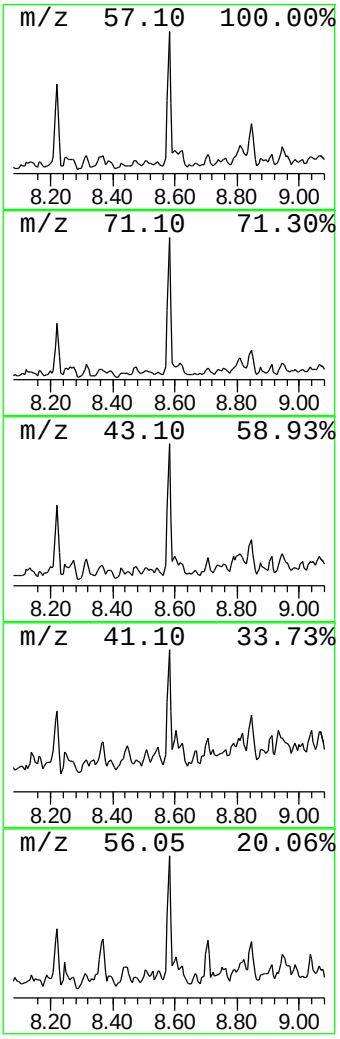
****

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	27.93 ng	367826	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

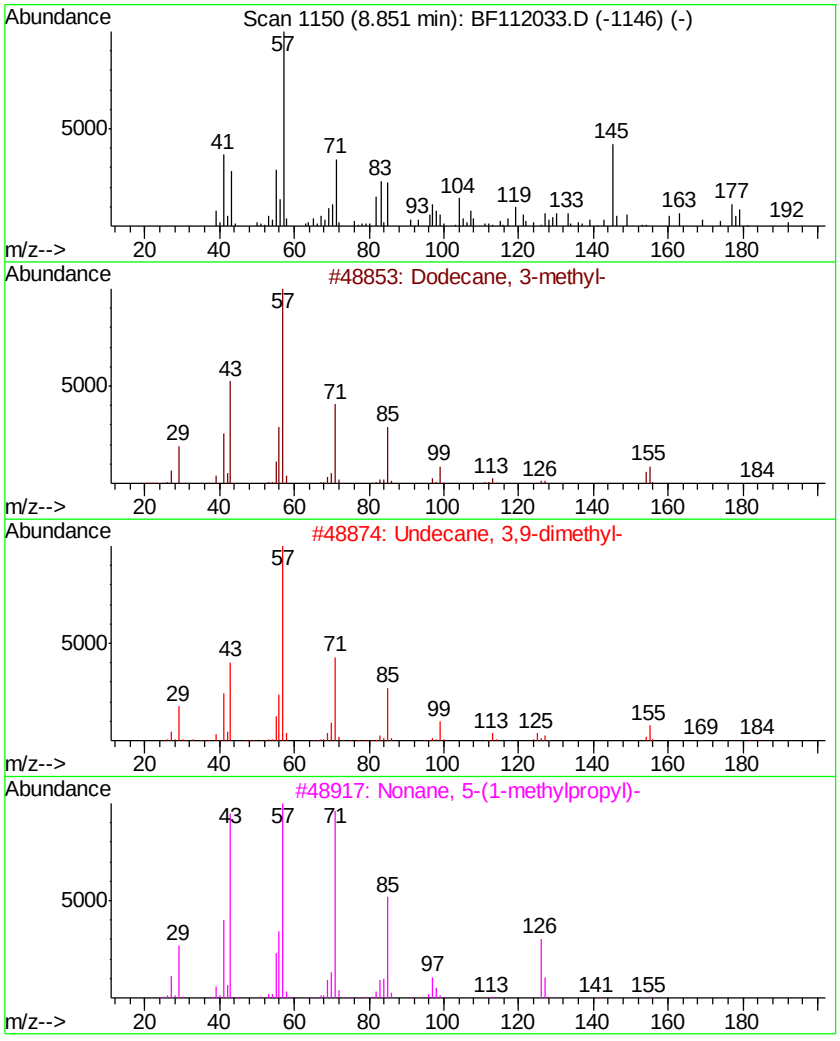
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

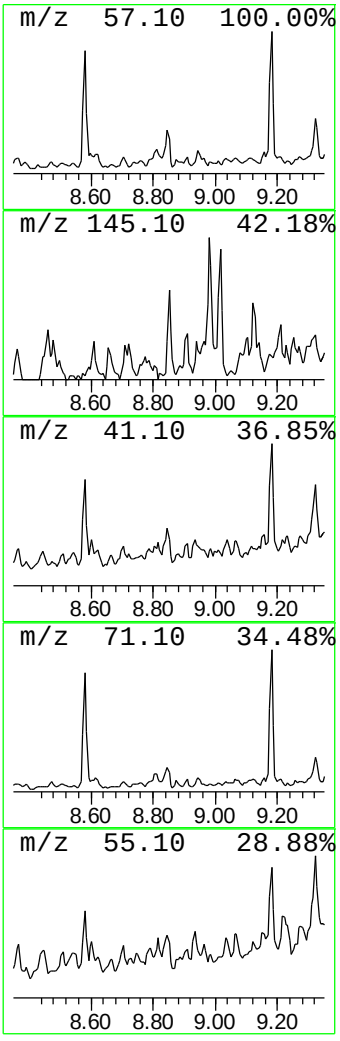
****

Peak Number 8 Dodecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	15.84 ng	208564	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
5	Pentadecane	212	C15H32	000629-62-9	43





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Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

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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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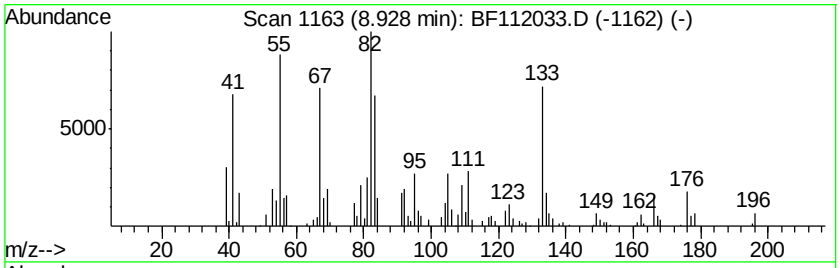
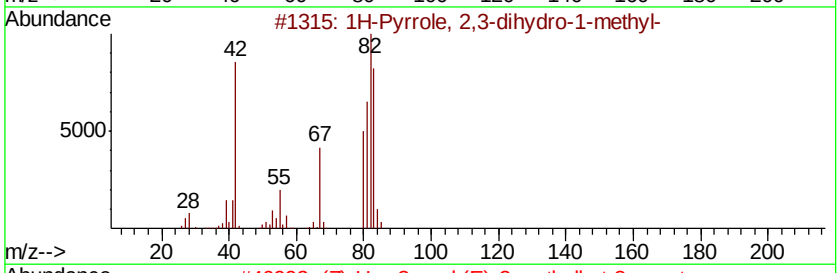
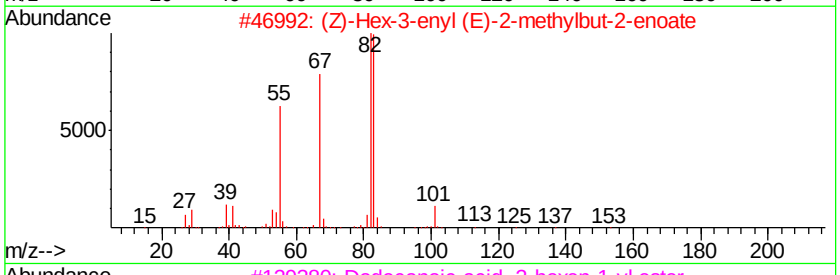
Peak Number 9 unknown8.93 Concentration Rank 15

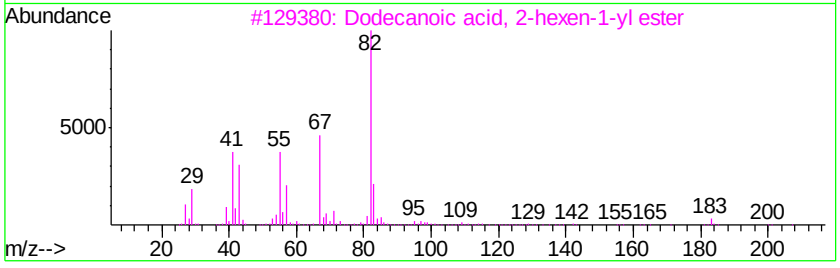
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	13.99 ng	184278	Naphthalene-d8	8.16

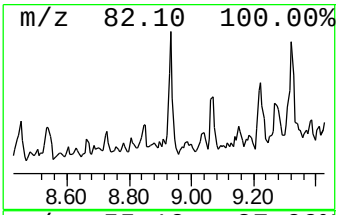
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	49
2	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-73-0	43
3	Dodecanoic acid, 2-hexen-1-yl ester	282	C18H34O2	1000159-97-0	38
4	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38

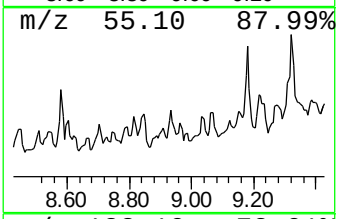


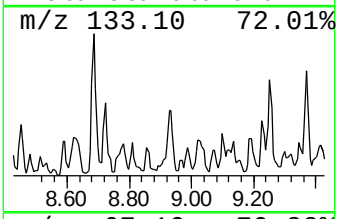


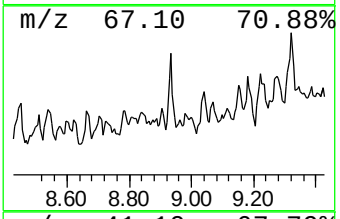


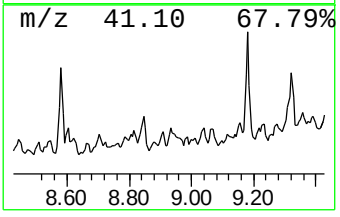












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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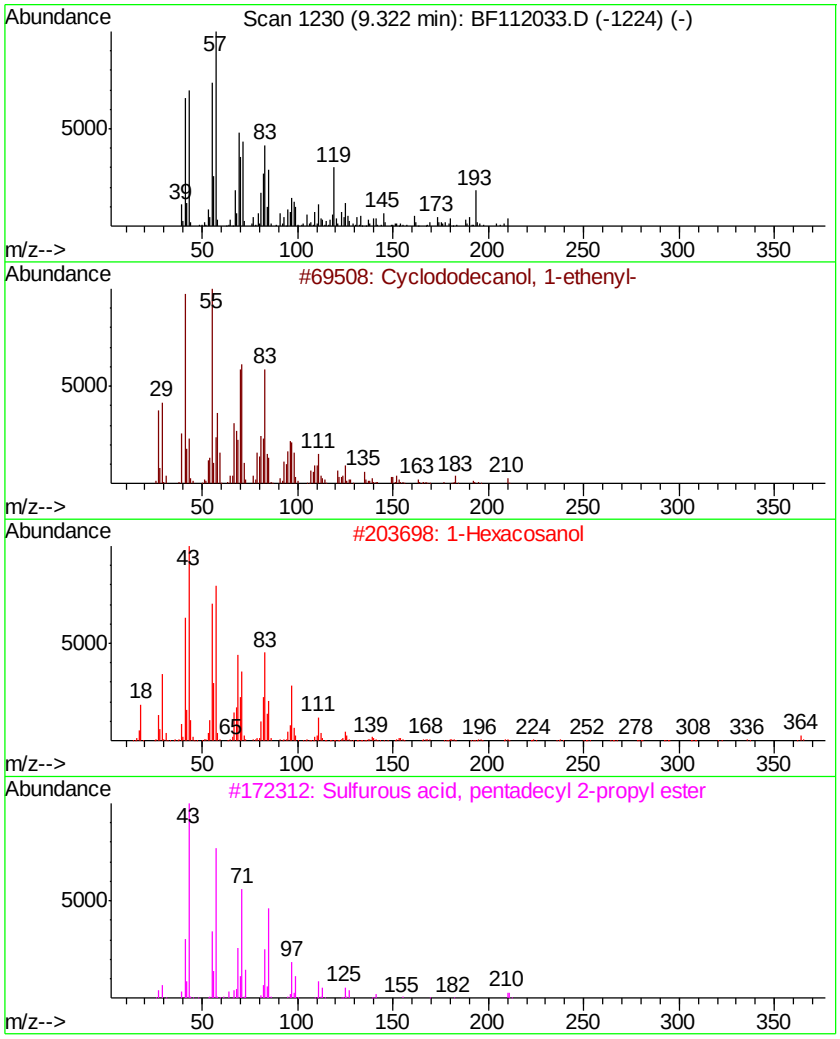
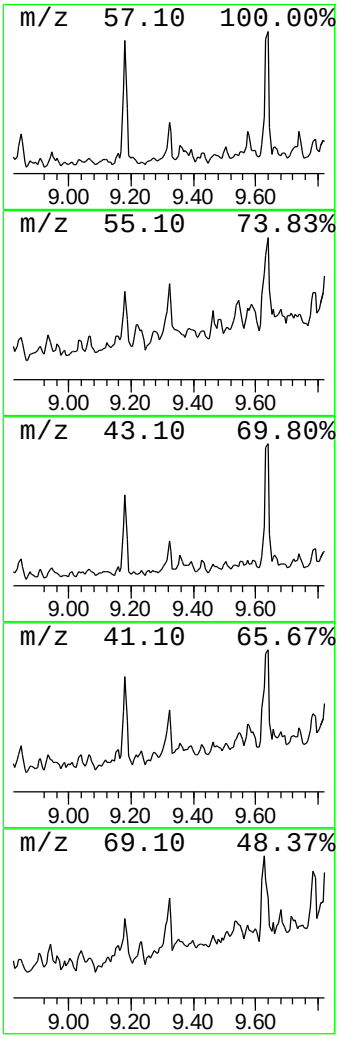
Peak Number 10 Cyclododecanol, 1-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	11.71 ng	500037	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	64
2	1-Hexacosanol	382	C26H54O	000506-52-5	49
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	43
4	Cyclohexanecarboxaldehyde, 3,3-d...	154	C9H14O2	065080-66-2	42
5	Decane	142	C10H22	000124-18-5	38





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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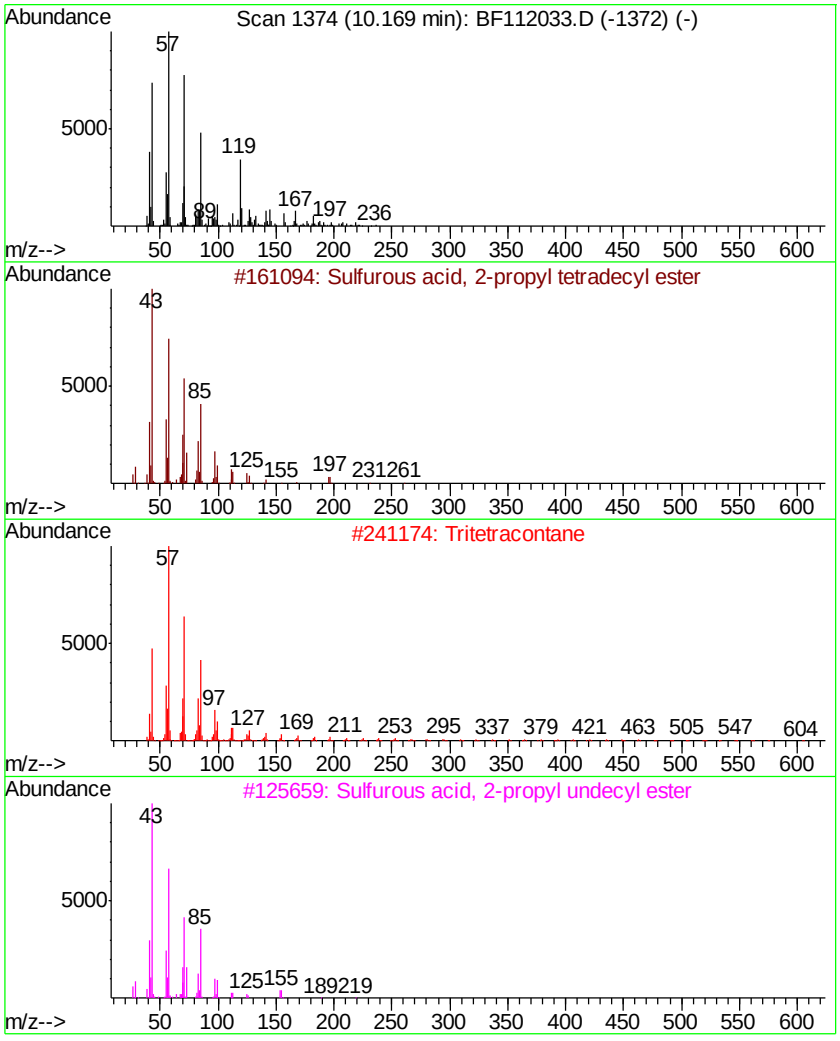
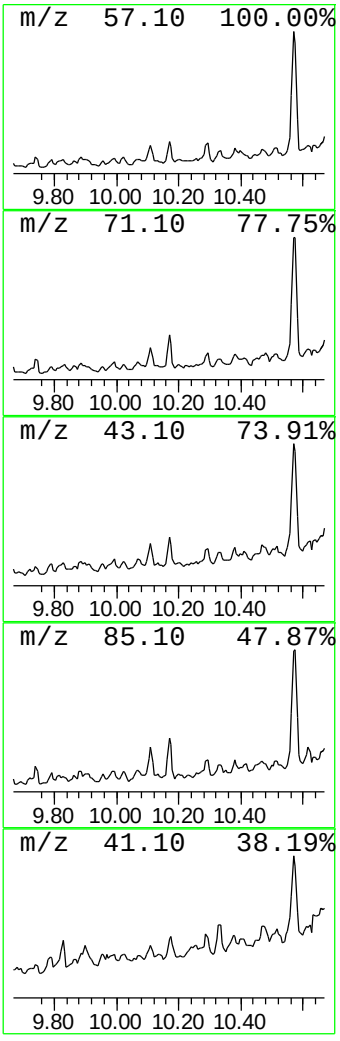
Peak Number 11 unknown10.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	12.48 ng	533231	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	46
2	Tritetracontane	605	C43H88	007098-21-7	43
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	38
4	Hexacosane	366	C26H54	000630-01-3	38
5	Nonadecane	268	C19H40	000629-92-5	38





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Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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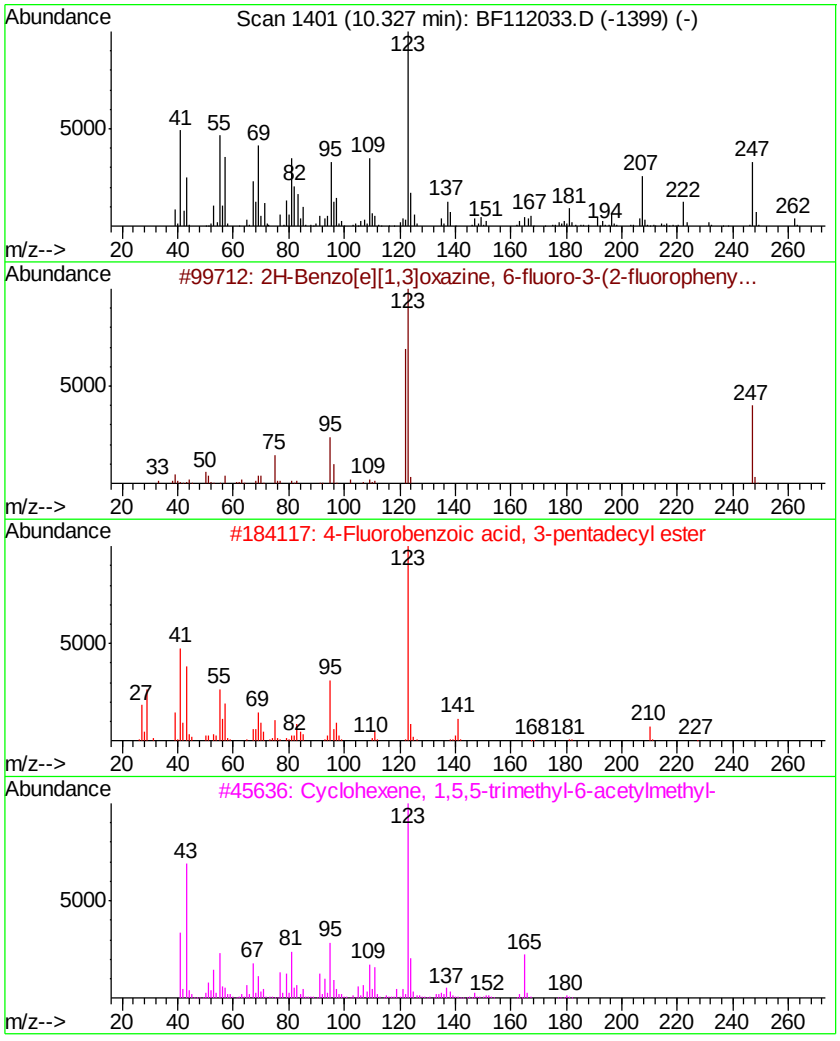
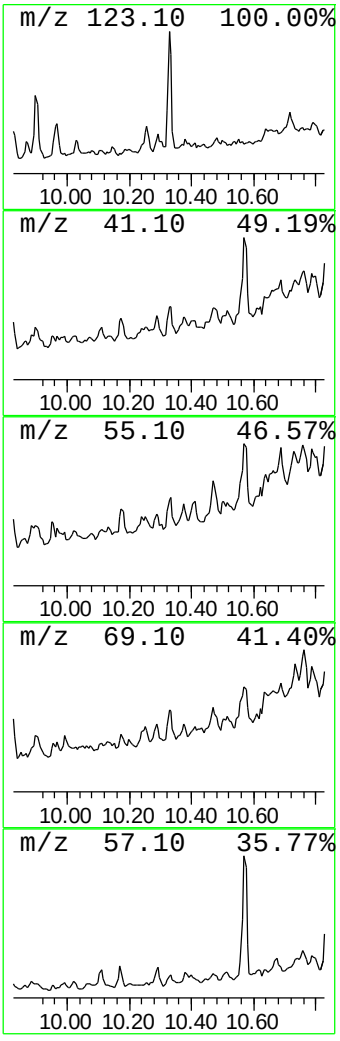
Peak Number 12 unknown10.33 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	13.93 ng	595172	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzo[e][1,3]oxazine, 6-fluor...	247	C14H11F2NO	1000310-78-4	47
2	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	35
3	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	30
4	Benzene-1,2,3-triamine	123	C6H9N3	1000316-45-3	30
5	Hydrazine, N-(bicyclo[4.1.0]hept...	259	C14H17N3O2	1000259-41-4	27





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Sample : K1102-05 5X
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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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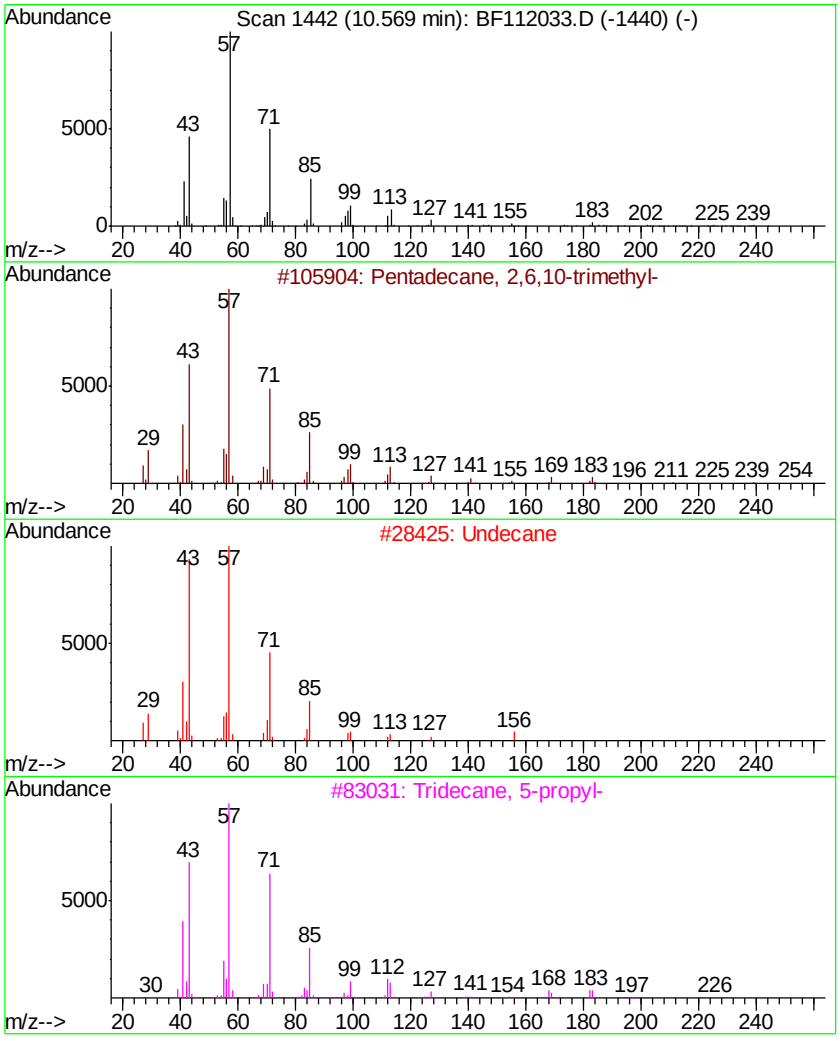
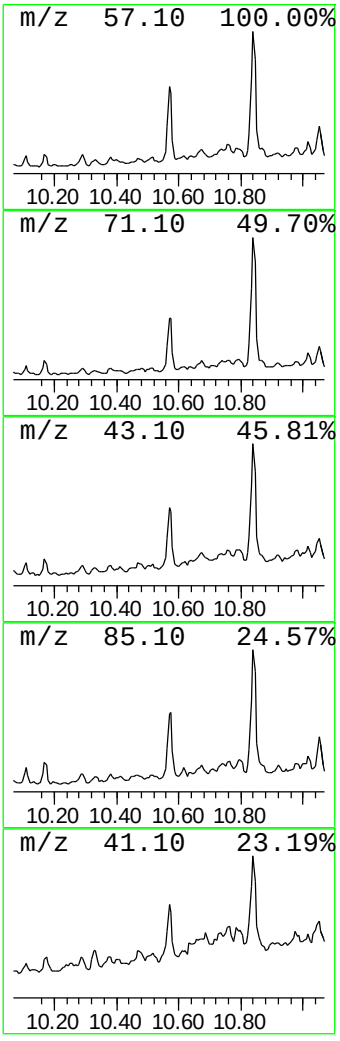
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	33.00 ng	1409640	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Undecane	156	C11H24	001120-21-4	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Hexadecane	226	C16H34	000544-76-3	78
5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	68





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Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

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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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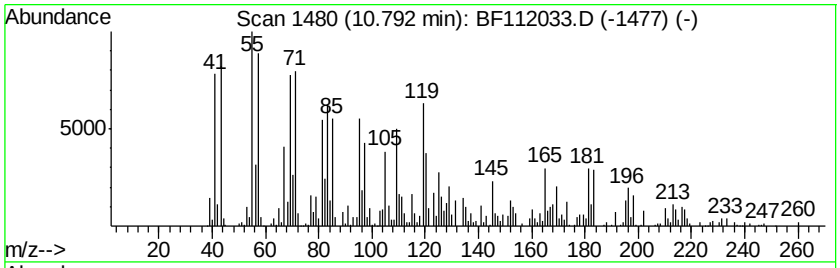
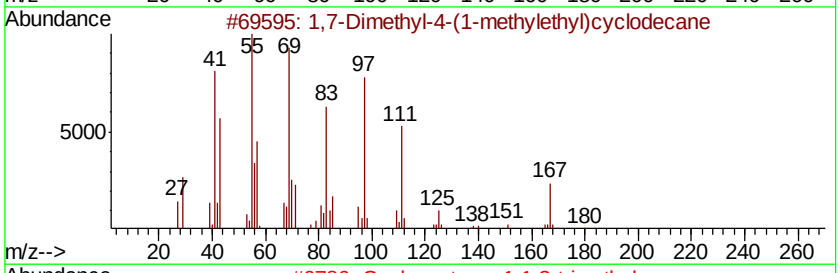
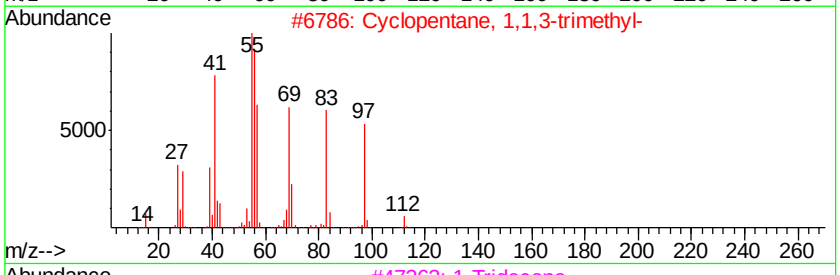
Peak Number 14 unknown10.79 Concentration Rank 10

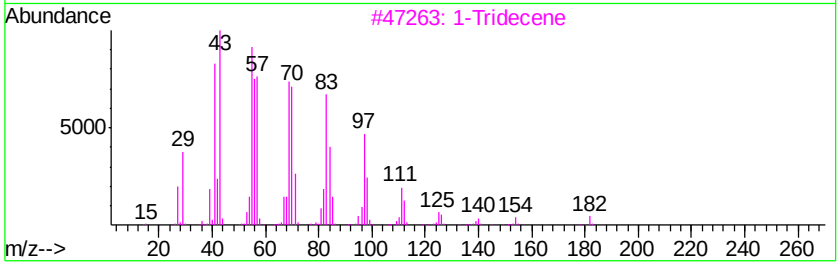
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	23.69 ng	843056	Phenanthrene-d10	11.41

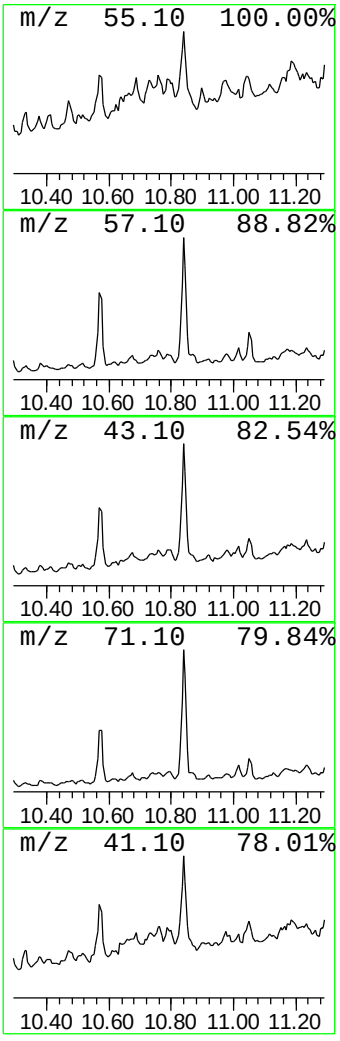
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	35
3	1-Tridecene	182	C13H26	002437-56-1	35
4	2,5-Cyclohexadiene-1,4-dione, 2,...	196	C10H12O4	005691-54-3	30
5	Cyclotetradecane	196	C14H28	000295-17-0	27











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Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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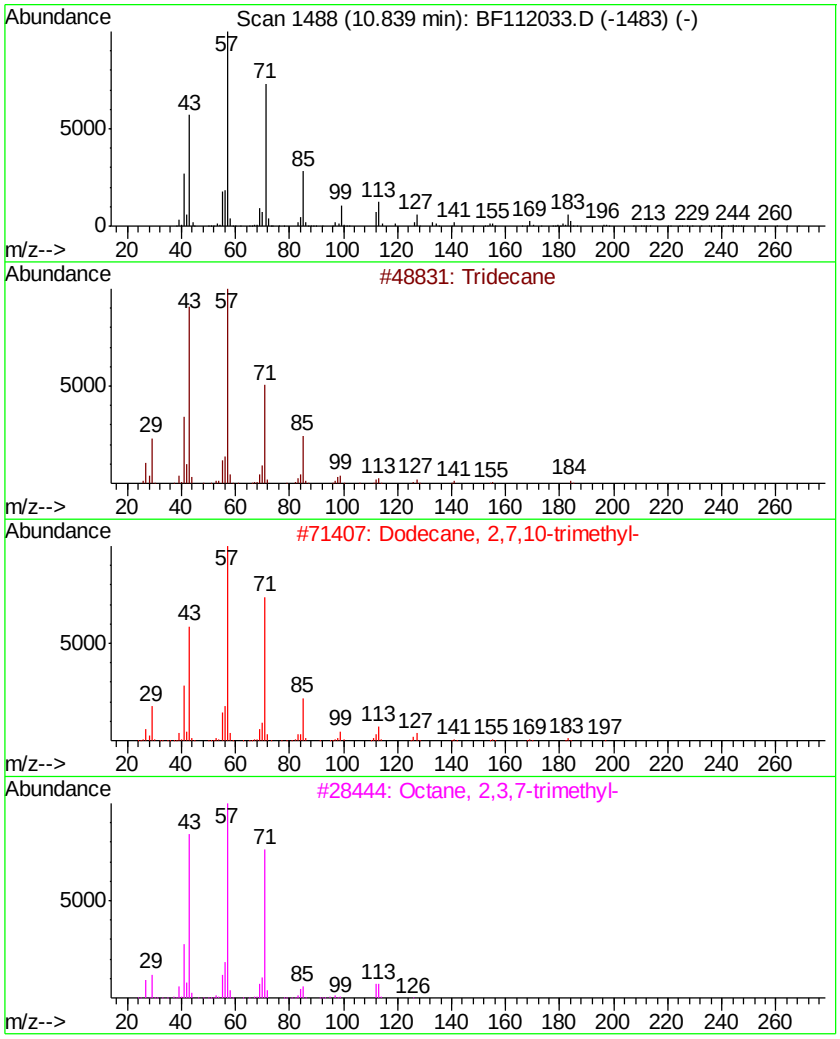
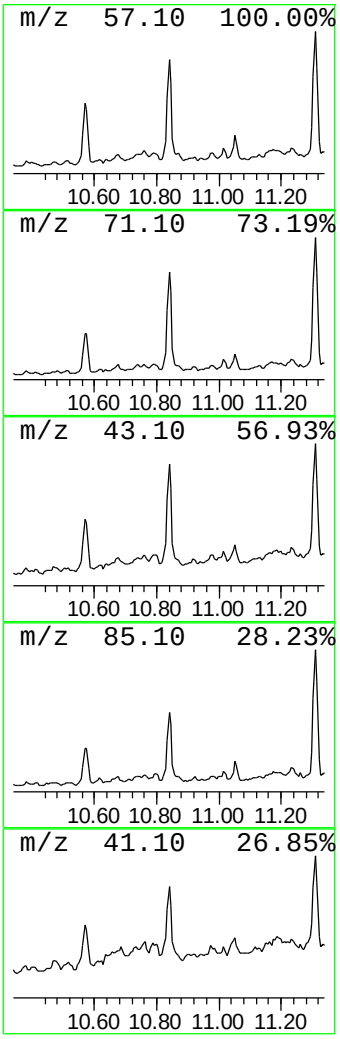
Peak Number 15 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	102.39 ng	3644350	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
4	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	52
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	52





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Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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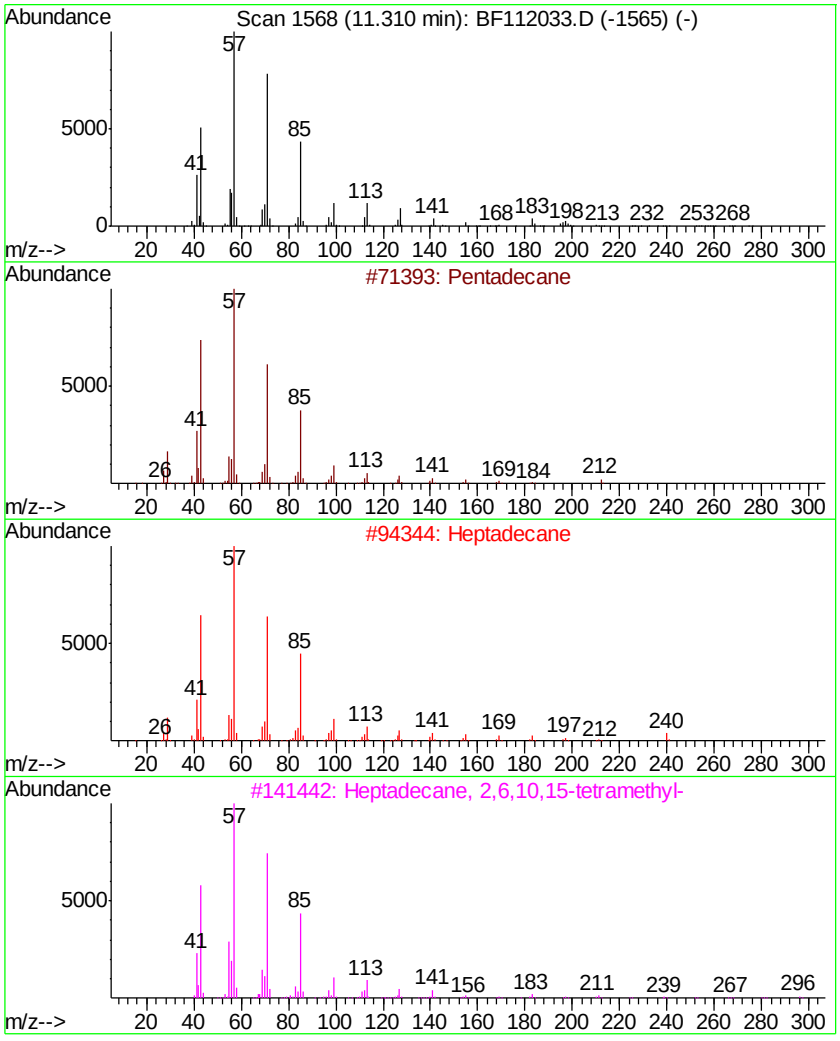
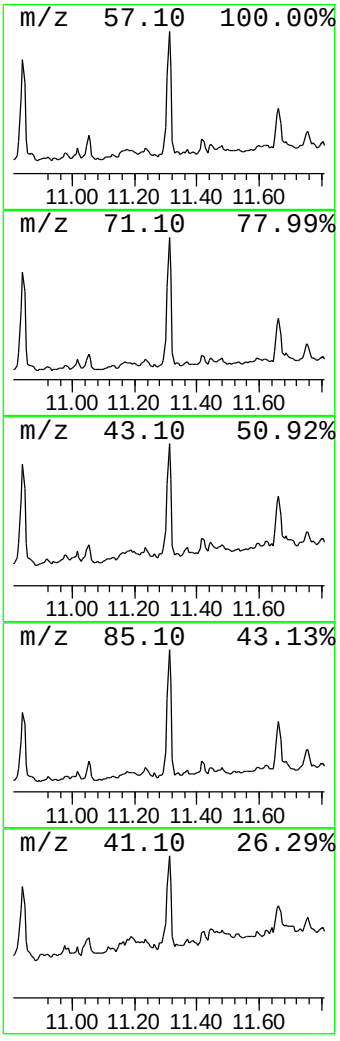
Peak Number 16 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	91.82 ng	3268280	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Decane, 2-methyl-	156	C11H24	006975-98-0	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

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

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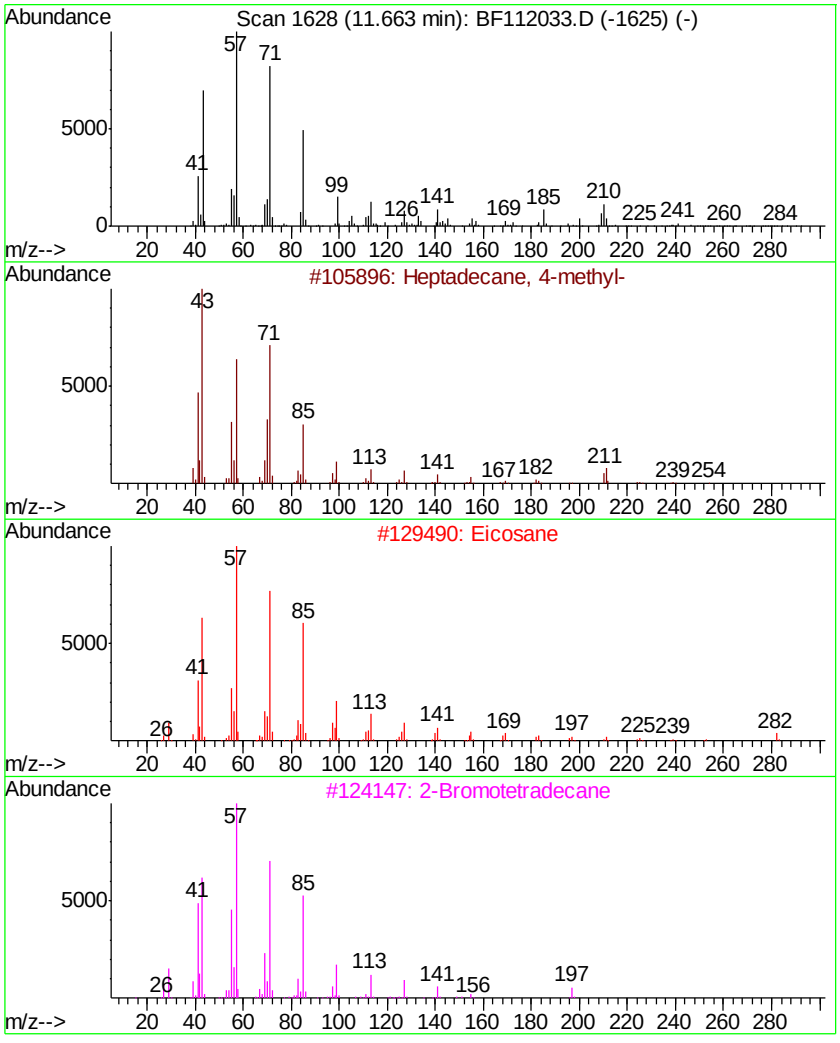
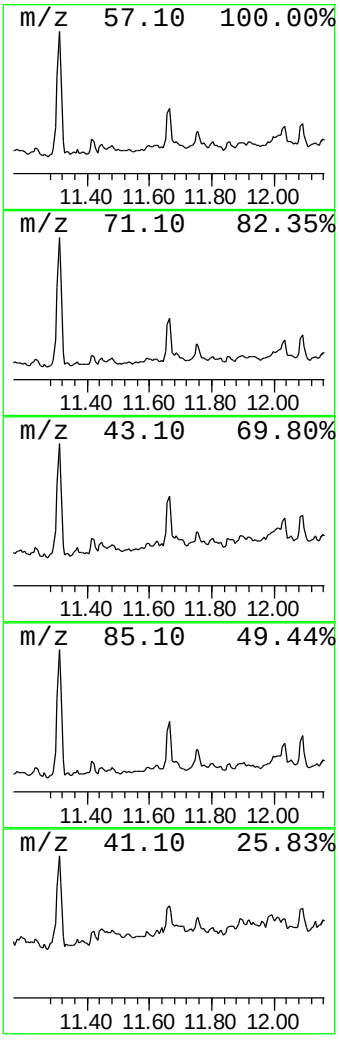
Peak Number 17 Heptadecane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	68.42 ng	2435250	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	93
2	Eicosane	282	C20H42	000112-95-8	83
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Heneicosane	296	C21H44	000629-94-7	80





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Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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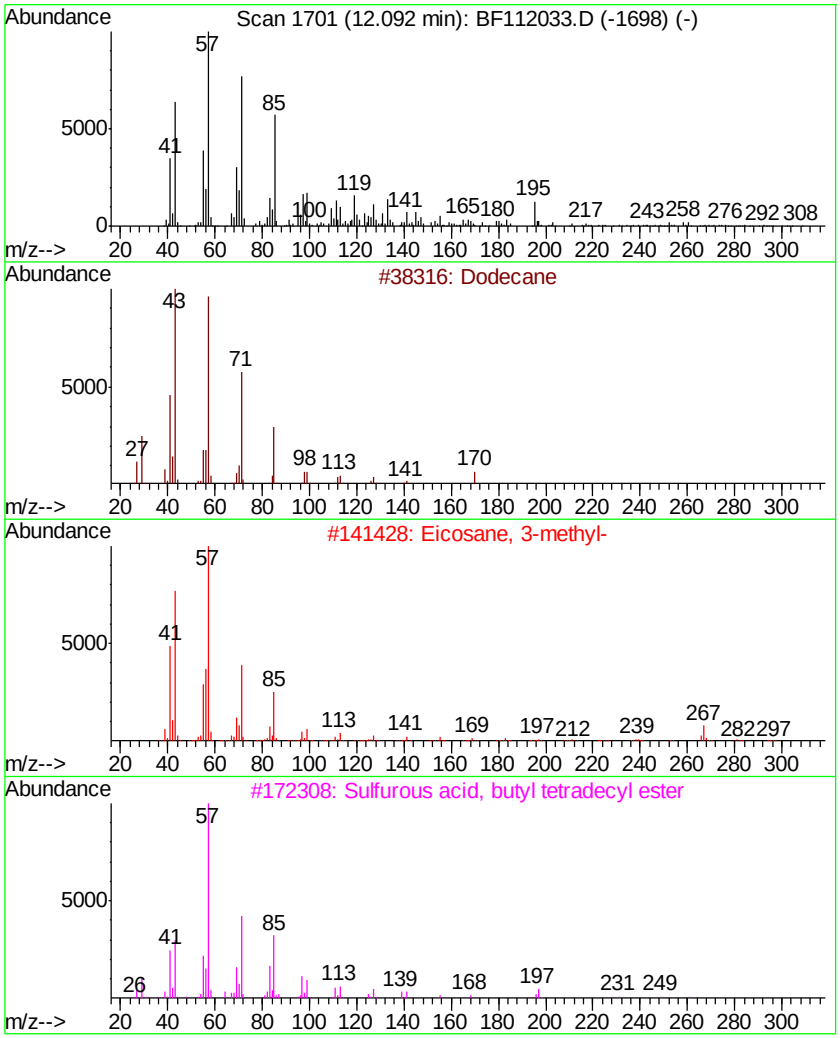
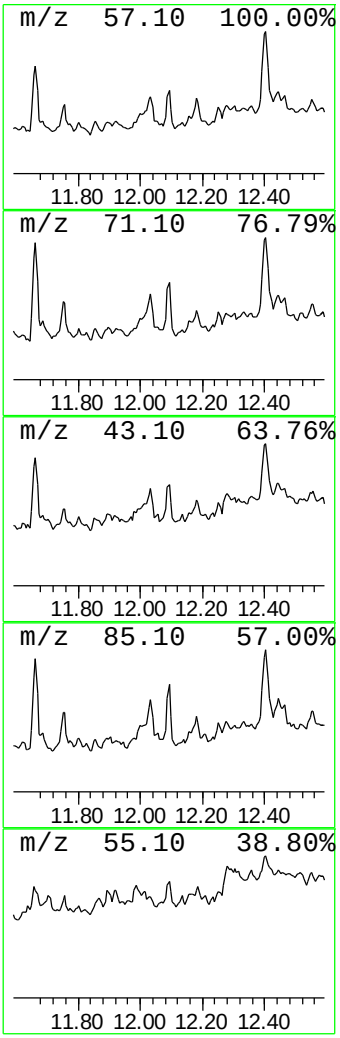
Peak Number 18 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	26.02 ng	926103	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	76
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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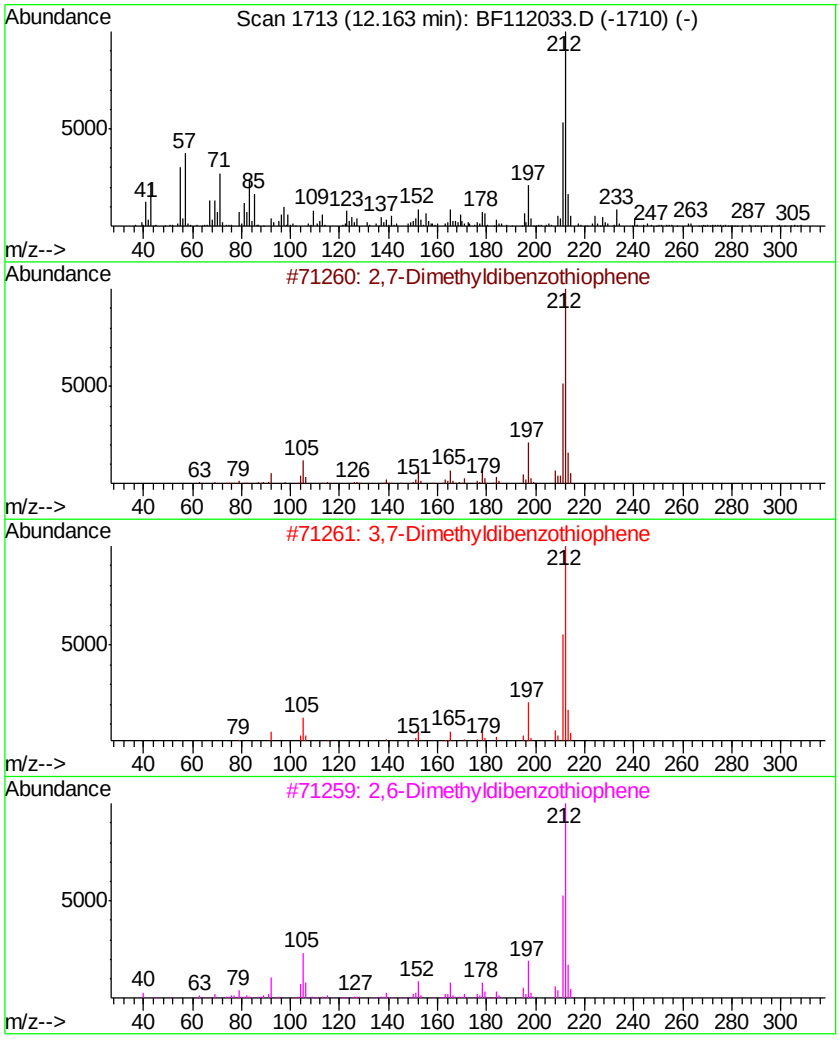
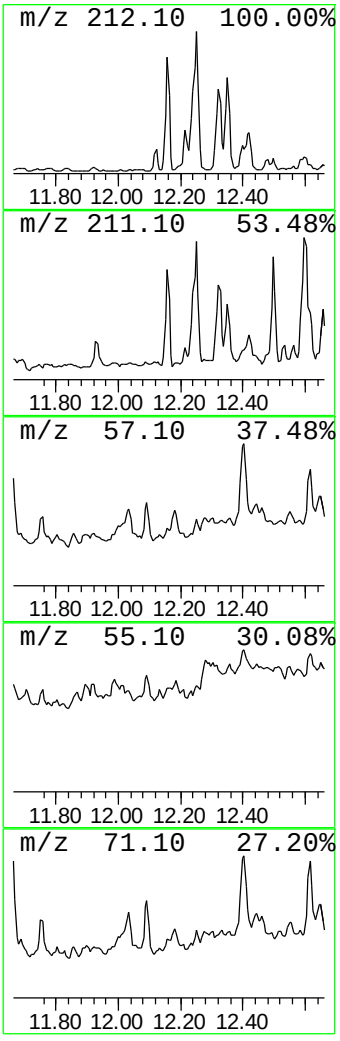
Peak Number 19 2,7-Dimethyldibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	17.25 ng	613910	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	95
2	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	94
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	93
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	93
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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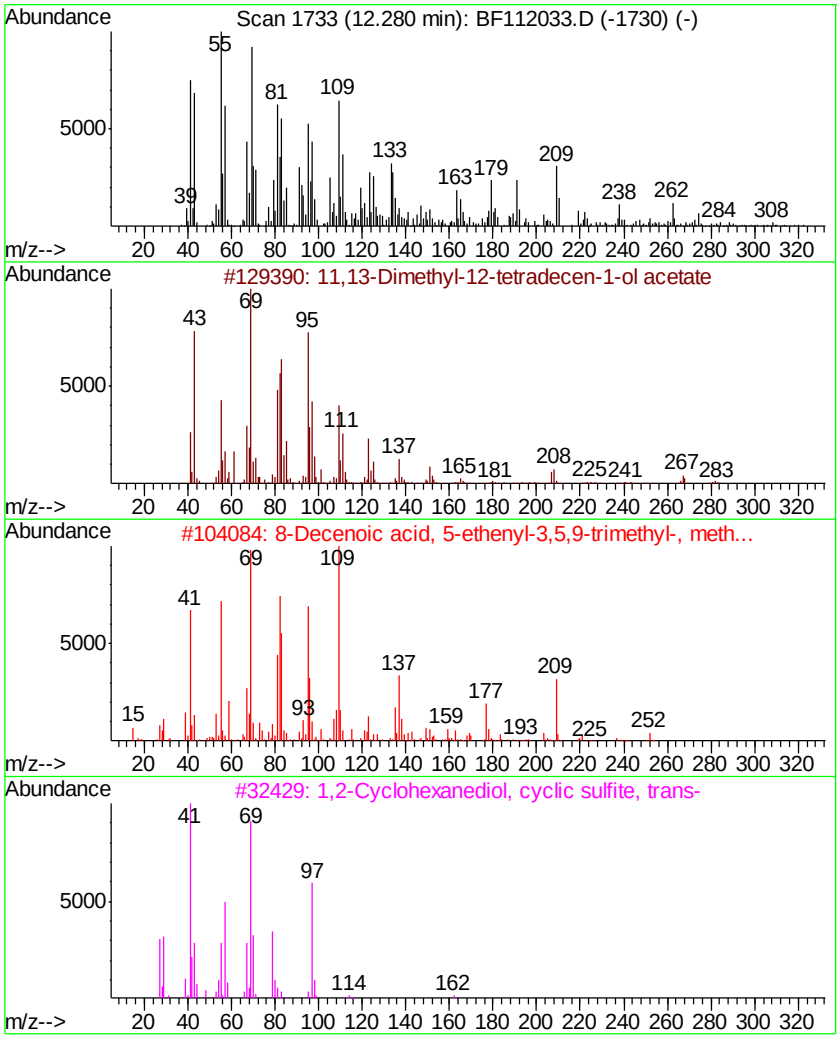
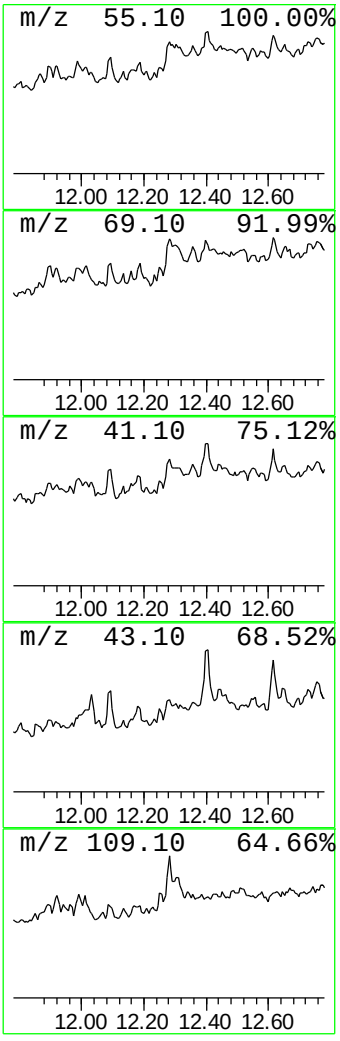
Peak Number 20 11,13-Dimethyl-12-tetradece... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	59.10 ng	2103490	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	91
2	8-Decenoic acid, 5-ethenyl-3,5,9...	252	C16H28O2	056114-53-5	45
3	1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-19-0	42
4	13-Oxabicyclo[9.3.1]pentadecane	210	C14H26O	051547-45-6	38
5	Hexadecane, 1,16-dichloro-	294	C16H32Cl2	007735-39-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-13(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
Cyclohexane, 1,1,...	6.41	12.6	ng	121210	1	6.87	192576	20.0
unknown6.65	6.65	41.3	ng	398086	1	6.87	192576	20.0
unknown7.52	7.52	16.1	ng	212715	2	8.16	263382	20.0
1-Methyldecahydro...	7.80	12.6	ng	165695	2	8.16	263382	20.0
Decane, 2,5,9-tri...	8.22	17.4	ng	229146	2	8.16	263382	20.0
Sulfurous acid, 2...	8.58	27.9	ng	367826	2	8.16	263382	20.0
Dodecane, 3-methyl-	8.85	15.8	ng	208564	2	8.16	263382	20.0
unknown8.93	8.93	14.0	ng	184278	2	8.16	263382	20.0
Cyclododecanol, 1...	9.32	11.7	ng	500037	3	9.92	854309	20.0
unknown10.17	10.17	12.5	ng	533231	3	9.92	854309	20.0
unknown10.33	10.33	13.9	ng	595172	3	9.92	854309	20.0
Pentadecane, 2,6,...	10.57	33.0	ng	1409640	3	9.92	854309	20.0
unknown10.79	10.79	23.7	ng	843056	4	11.41	711891	20.0
Tridecane	10.84	102.4	ng	3644350	4	11.41	711891	20.0
Pentadecane	11.31	91.8	ng	3268280	4	11.41	711891	20.0
Heptadecane, 4-me...	11.66	68.4	ng	2435250	4	11.41	711891	20.0
Dodecane	12.09	26.0	ng	926103	4	11.41	711891	20.0
2,7-Dimethyldiben...	12.16	17.3	ng	613910	4	11.41	711891	20.0
11,13-Dimethyl-12...	12.28	59.1	ng	2103490	4	11.41	711891	20.0