LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

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-BF102318.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	2.305	31	37	51	rVB	1649078	2240849	81.86%	8.251%
2	5.198	526	529	536	rBV	48865	57974	2.12%	0.213%
3	5.587	591	595	605	rBV	1483737	1395232	50.97%	5.137%
4	6.587	761	765	768	rBV	1032980	885586	32.35%	3.261%
5	6.610	768	769	778	rVB	56984	47209	1.72%	0.174%
6	6.740	786	791	794	rBV	2478512	2396397	87.54%	8.824%
7	6.787	797	799	806	rVB	35839	36432	1.33%	0.134%
8	6.969	826	830	833	rBV	876755	733700	26.80%	2.701%
9	7.122	852	856	860	rBV	2163900	2043036	74.63%	7.523%
10	7.534	921	926	929	rBV	1714364	1695183	61.93%	6.242%
11	7.792	967	970	978	rBV	29684	55083	2.01%	0.203%
12	8.251	1044	1048	1052	rBV	1058604	885569	32.35%	3.261%
13	8.292	1052	1055	1062	rVB	55927	84372	3.08%	0.311%
14	8.734	1126	1130	1135	rVB4	25543	34844	1.27%	0.128%
15	8.822	1141	1145	1148	rVB2	35685	33188	1.21%	0.122%
16	8.963	1166	1169	1173	rBV	121357	124195	4.54%	0.457%
17	9.257	1214	1219	1221	rBV5	37924	47106	1.72%	0.173%
18	9.328	1226	1231	1234	rBV	3061811	2737385	100.00%	10.079%
19	9.398	1240	1243	1246	rBV2	55008	54697	2.00%	0.201%
20	9.716	1294	1297	1300	rBV	692539	594474	21.72%	2.189%
21	9.769	1304	1306	1310	rVV3	86272	98554	3.60%	0.363%
22	9.875	1320	1324	1326	rBV	252408	265071	9.68%	0.976%
23	9.916	1328	1331	1334	rVB	458209	404944	14.79%	1.491%
24	9.957	1335	1338	1340	rBV2	142989	164180	6.00%	0.605%
25	9.992	1341	1344	1345	rVV2	188864	192053	7.02%	0.707%
26	10.010	1345	1347	1350	rVB	760267	719755	26.29%	2.650%
27	10.039	1350	1352	1353	rBV2	66735	45094	1.65%	0.166%
28	10.345	1398	1404	1407	rBV3	384135	654374	23.91%	2.409%
29	10.380	1408	1410	1413	rVV3	248135	286666	10.47%	1.056%
30	10.422	1414	1417	1419	rVB	616927	578210	21.12%	2.129%
31	10.810	1479	1483	1486	rBV	1290874	1336173	48.81%	4.920%
32	10.922	1499	1502	1504	rVB	588149	545047	19.91%	2.007%
33	11.510	1600	1602	1606	rVB	641533	587390	21.46%	2.163%
34	13.098	1868	1872	1875	rVB	1989001	1843834	67.36%	6.789%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.974	2018	2021	2027	rVB	215914	255060	9.32%	0.939%
36	14.110	2042	2044	2049	rVV	171508	139821	5.11%	0.515%
37	14.157	2049	2052	2056	rVB	618514	542974	19.84%	1.999%
38	14.915	2178	2181	2184	rVB	118556	108656	3.97%	0.400%
39	15.004	2192	2196	2200	rVB	403797	427235	15.61%	1.573%
40	15.268	2239	2241	2246	rVB2	114928	119848	4.38%	0.441%
41	15.680	2306	2311	2318	rVB2	352914	538548	19.67%	1.983%
42	16.321	2417	2420	2426	rVB	119048	177910	6.50%	0.655%
43	16.957	2524	2528	2533	rVB	83714	134978	4.93%	0.497%
44	17.545	2622	2628	2638	rVB	362265	810116	29.59%	2.983%

Sum of corrected areas: 27159002

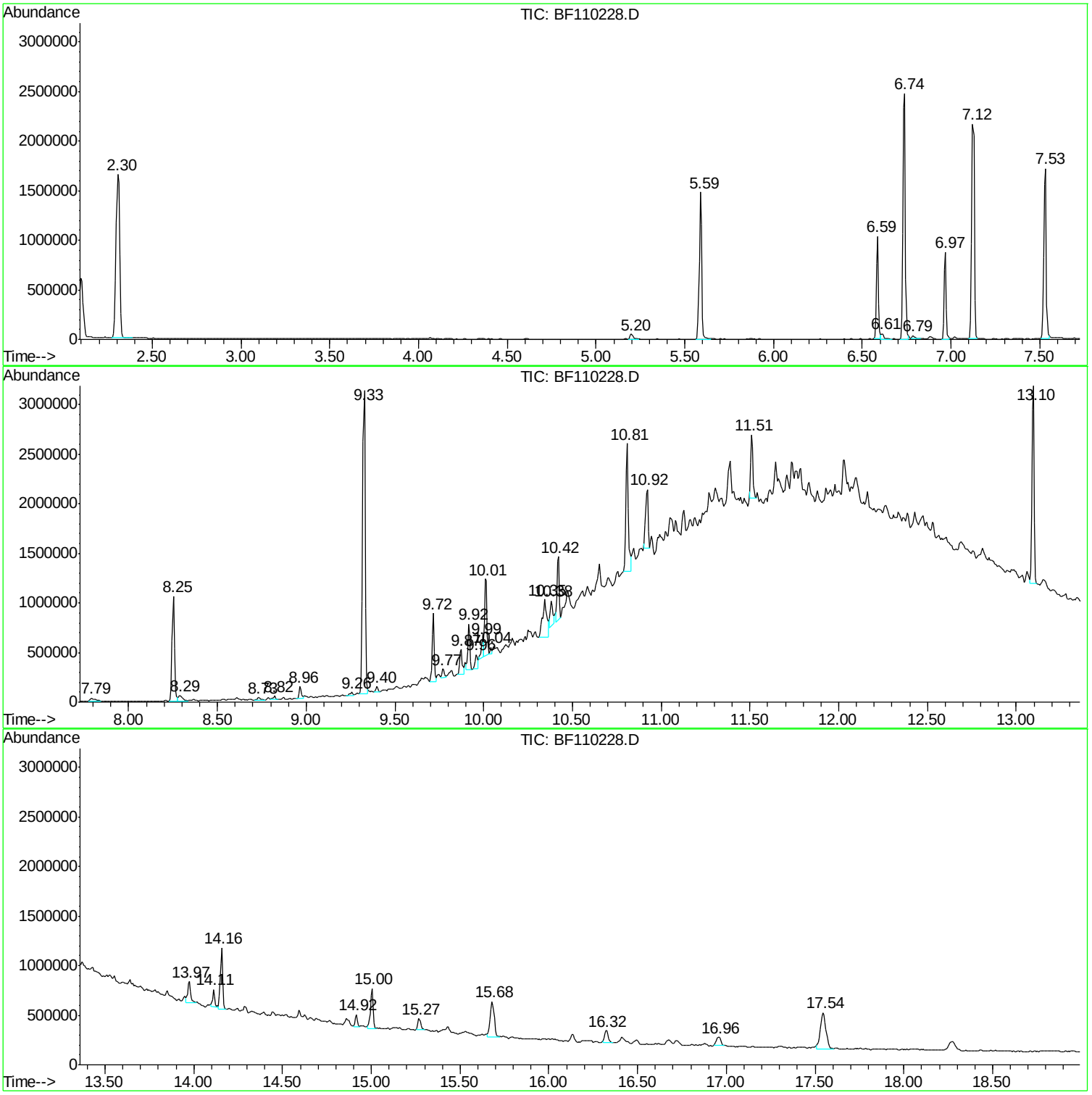
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

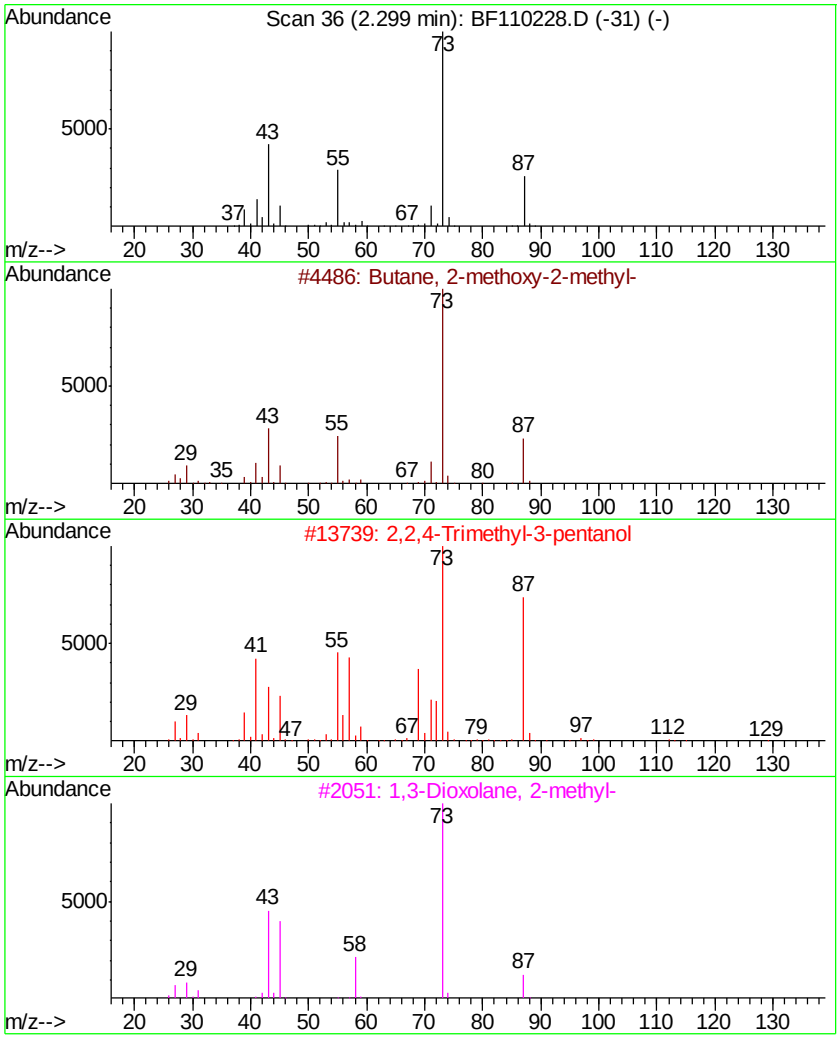
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

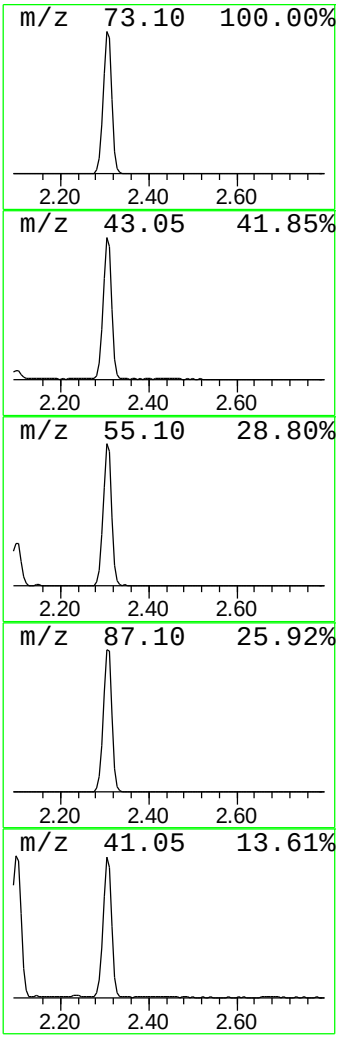
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	61.08 ng	2240850	1,4-Dichlorobenzene-d4	6.97

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	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

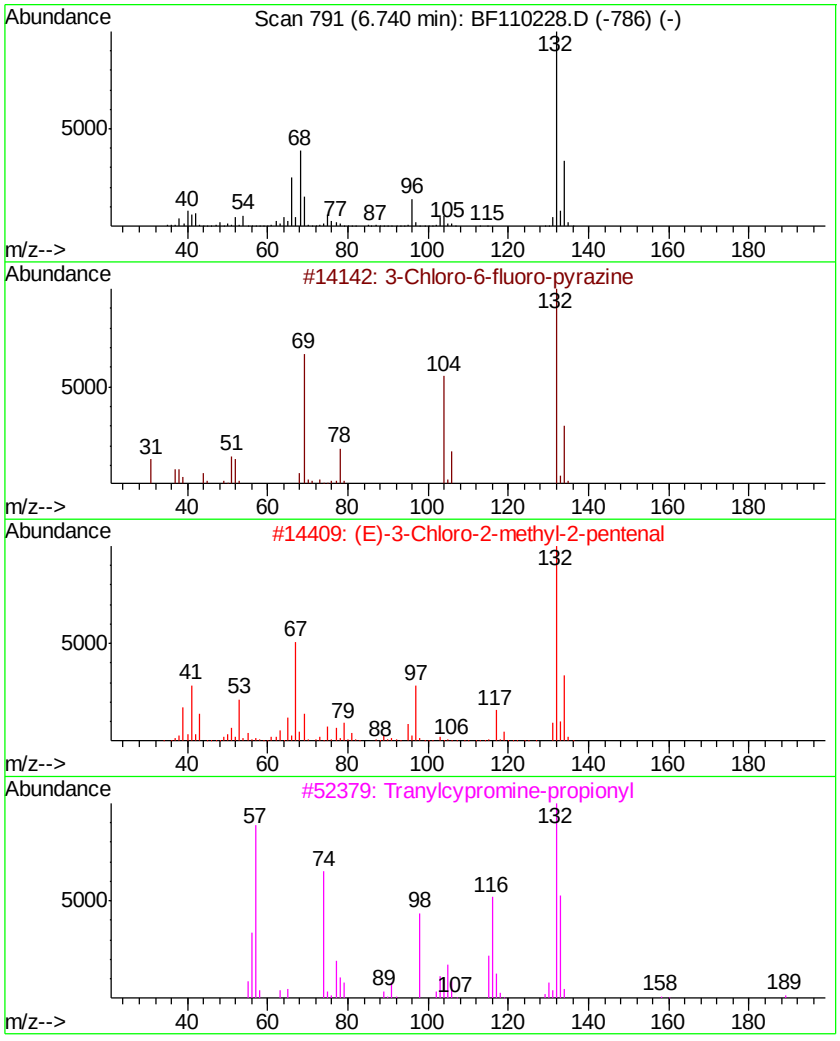
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

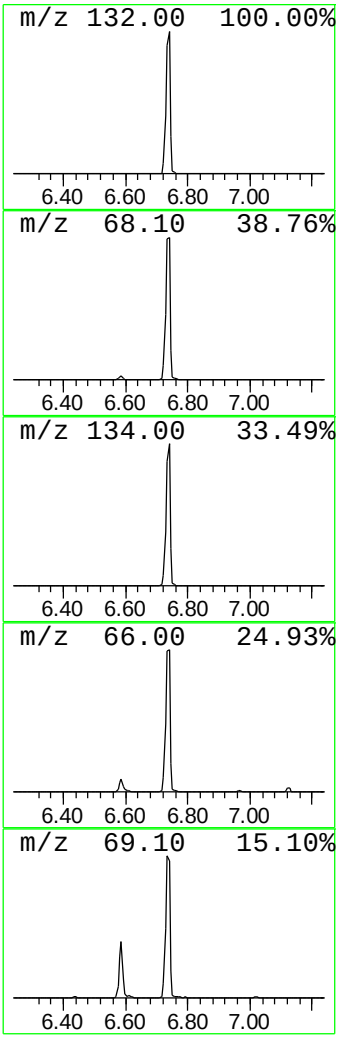
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	65.32 ng	2396400	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

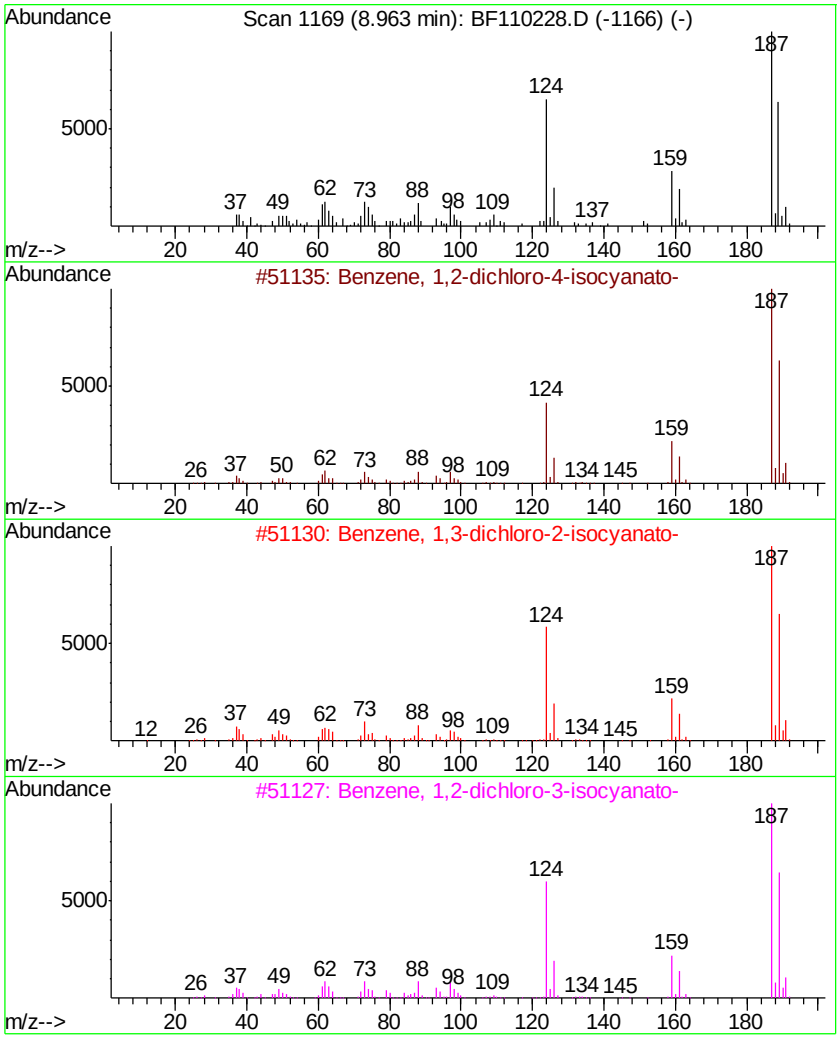
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

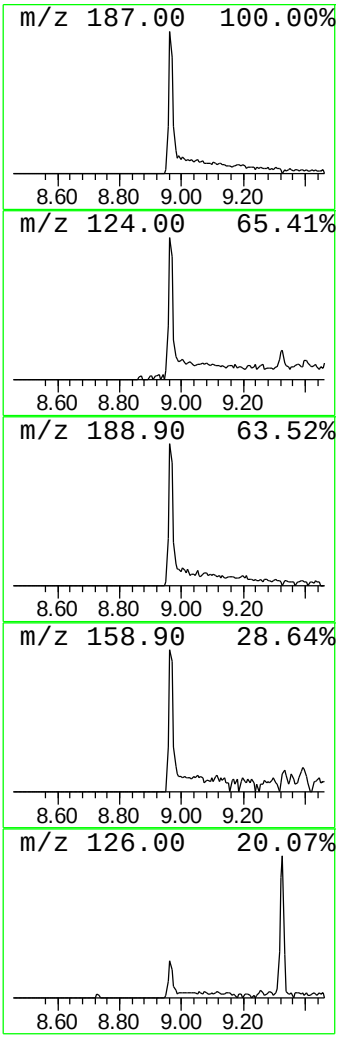
****

Peak Number 4 Benzene, 1,2-dichloro-4-iso... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.80 ng	124195	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	98
2	Benzene, 1,3-dichloro-2-isocyanato-	187	C7H3Cl2NO	039920-37-1	96
3	Benzene, 1,2-dichloro-3-isocyanato-	187	C7H3Cl2NO	041195-90-8	96
4	Benzene, 1,4-dichloro-2-isocyanato-	187	C7H3Cl2NO	005392-82-5	96
5	3,5-Dichlorophenyl isocyanate	187	C7H3Cl2NO	034893-92-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

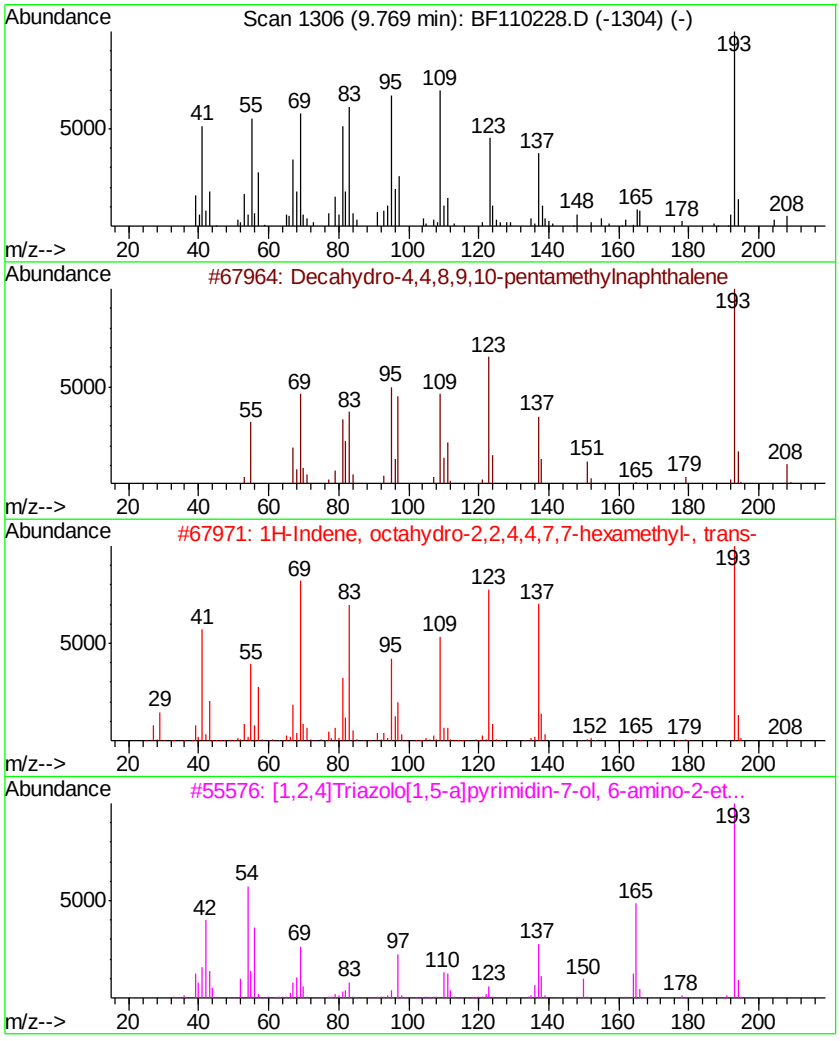
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

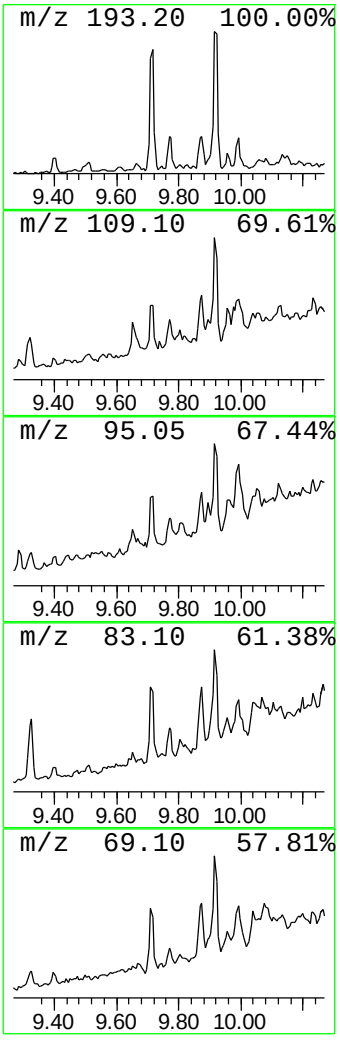
****

Peak Number 5 1H-Indene, octahydro-2,2,4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.74 ng	98554	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
3	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	38
4	Propanoic acid, 2-(acetyloxy)-, ...	270	C15H26O4	064870-66-2	27
5	2-Anthracenamine	193	C14H11N	000613-13-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

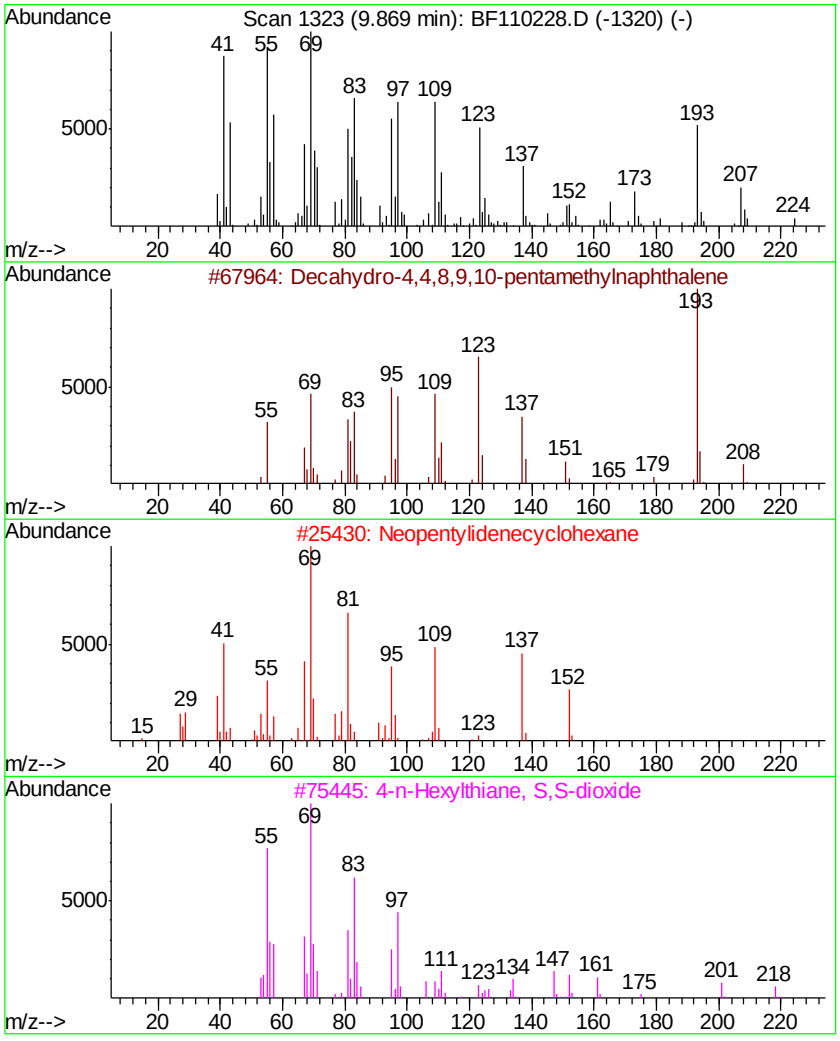
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

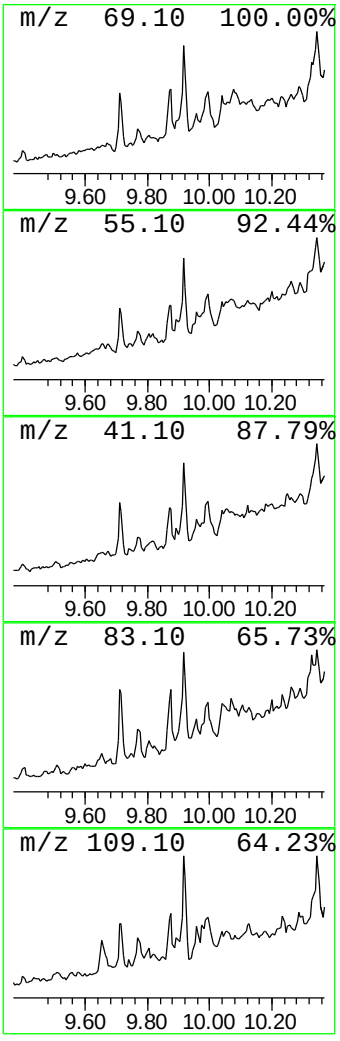
****

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.37 ng	265071	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	42
3	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	38
4	Cetene	224	C16H32	000629-73-2	35
5	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

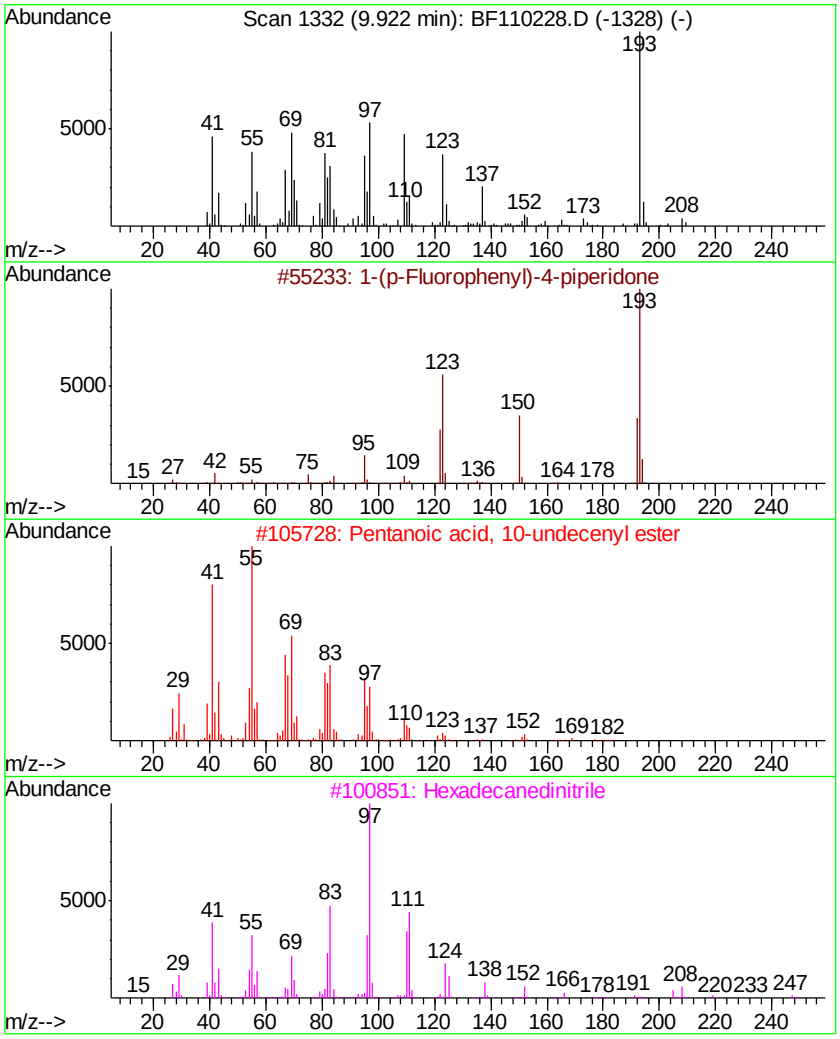
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

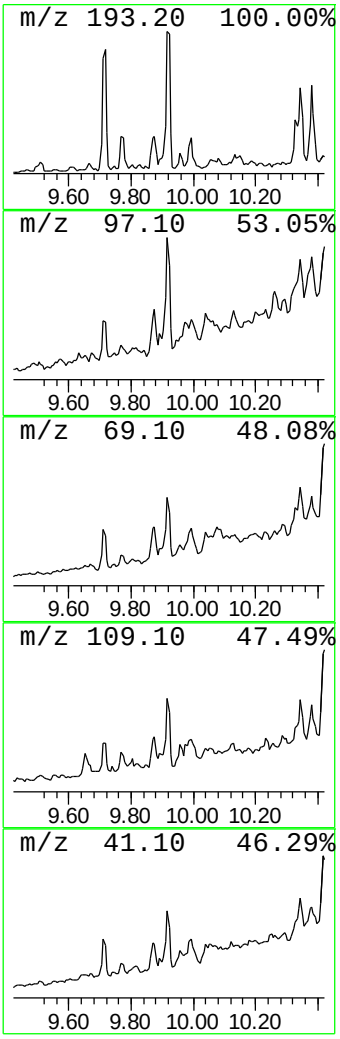
****

Peak Number 7 unknown9.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	11.25 ng	404944	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
2	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	27
3	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
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Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

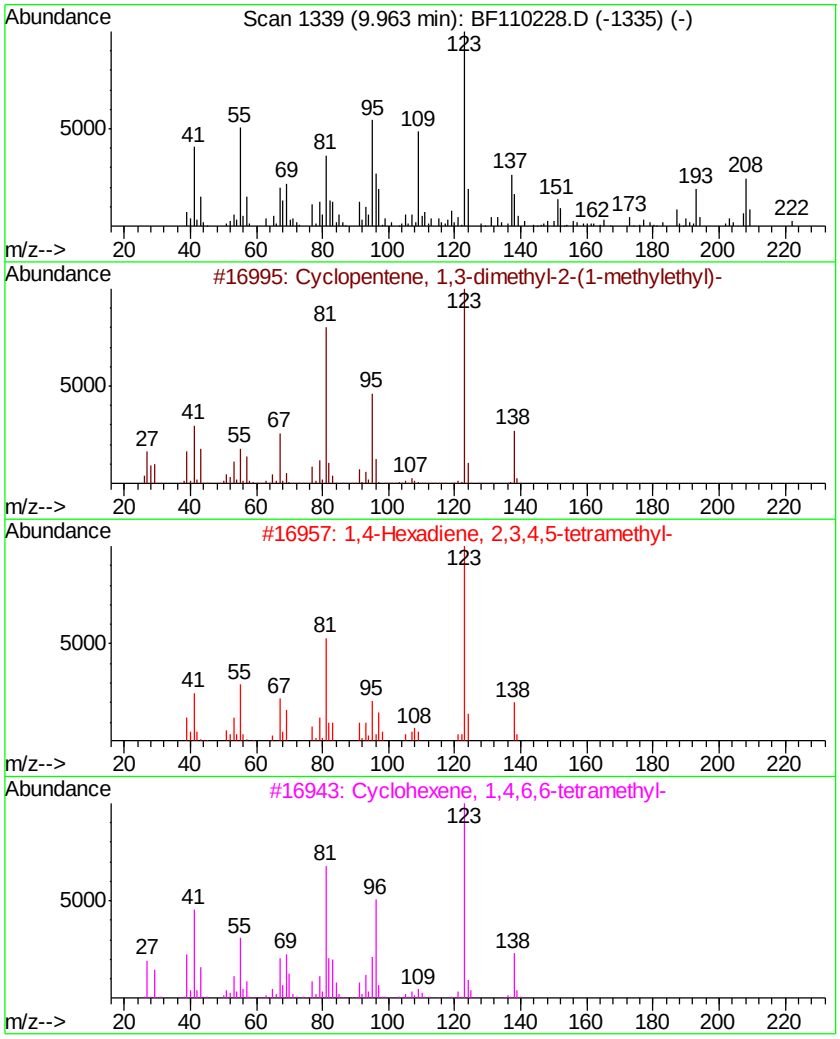
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

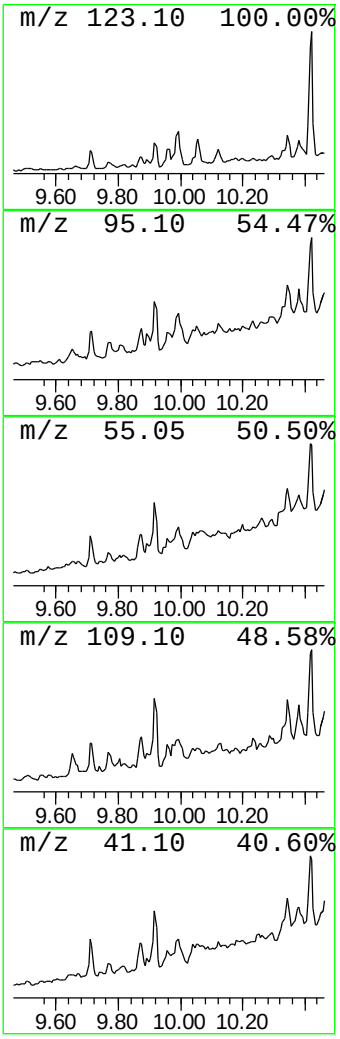
****

Peak Number 8 unknown9.96 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.56 ng	164180	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	46
2	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	45
3	Cyclohexene, 1,4,6,6-tetramethyl-	138	C10H18	070092-37-4	38
4	(2Z,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-4	38
5	(2E,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-2	38





Library Search Compound Report

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Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

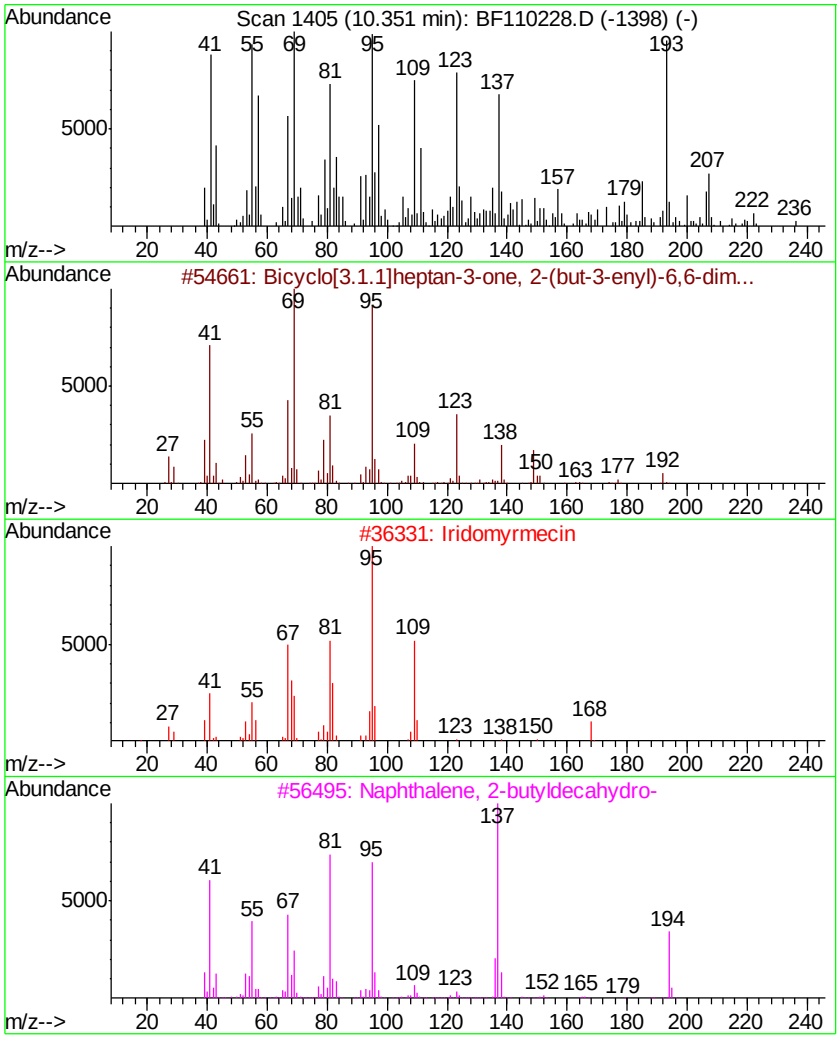
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

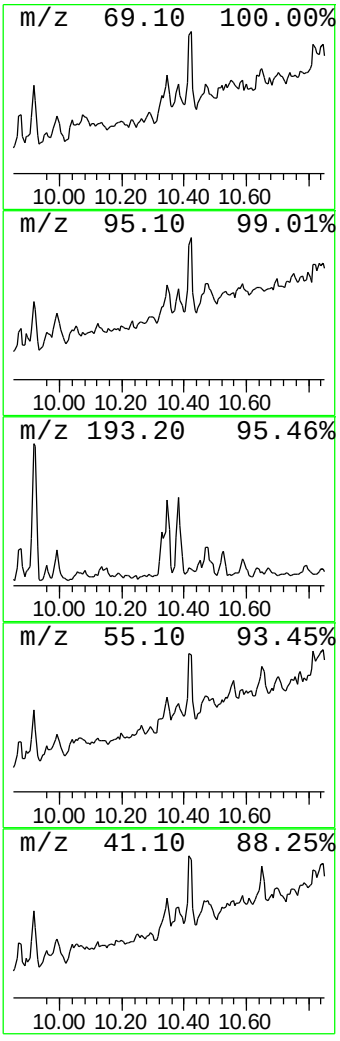
****

Peak Number 9 unknown10.35 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	18.18 ng	654374	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	30
2	Iridomyrmecin	168	C10H16O2	000485-43-8	25
3	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	25
4	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	25
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110228.D
Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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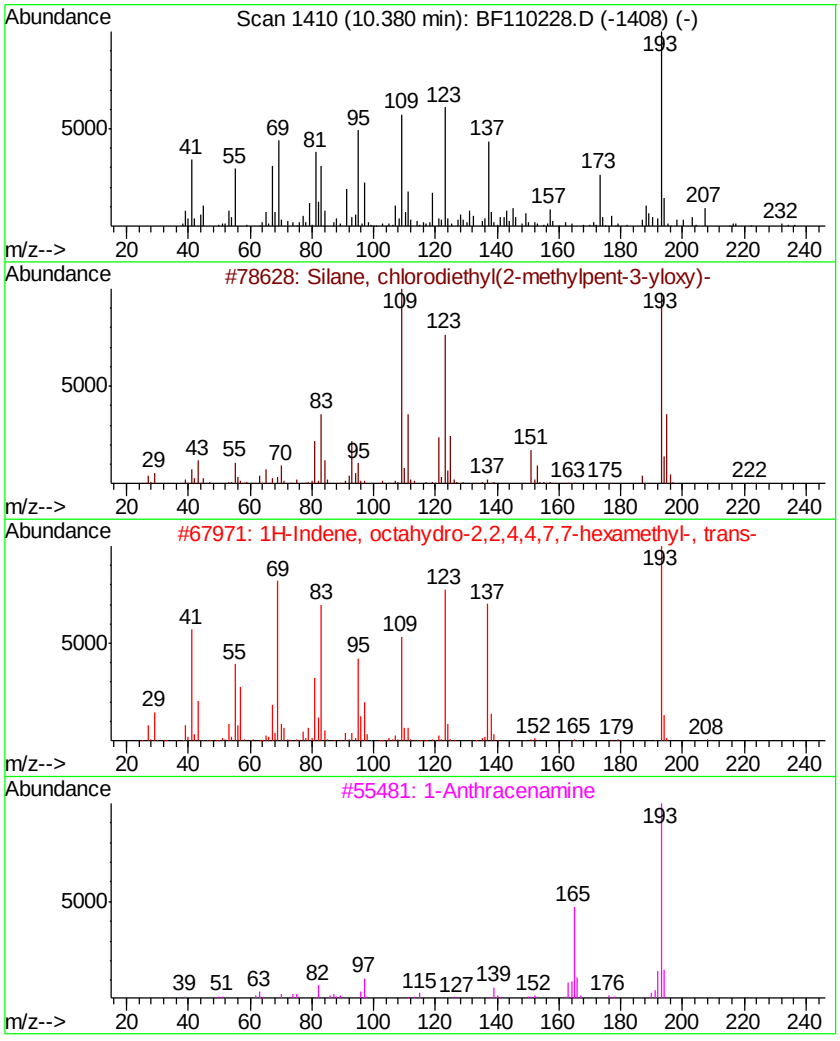
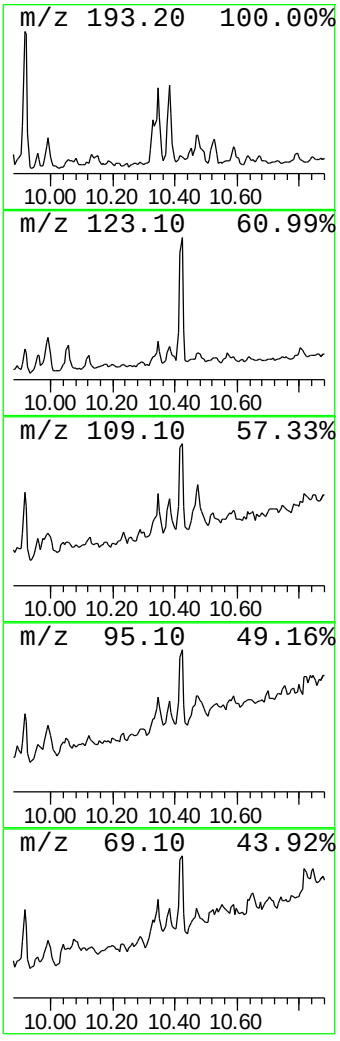
Peak Number 10 unknown10.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	7.97 ng	286666	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	43
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
3	1-Anthracenamine	193	C14H11N	000610-49-1	25
4	2-Phenylindolizine	193	C14H11N	025379-20-8	18
5	2-Anthracenamine	193	C14H11N	000613-13-8	18





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Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

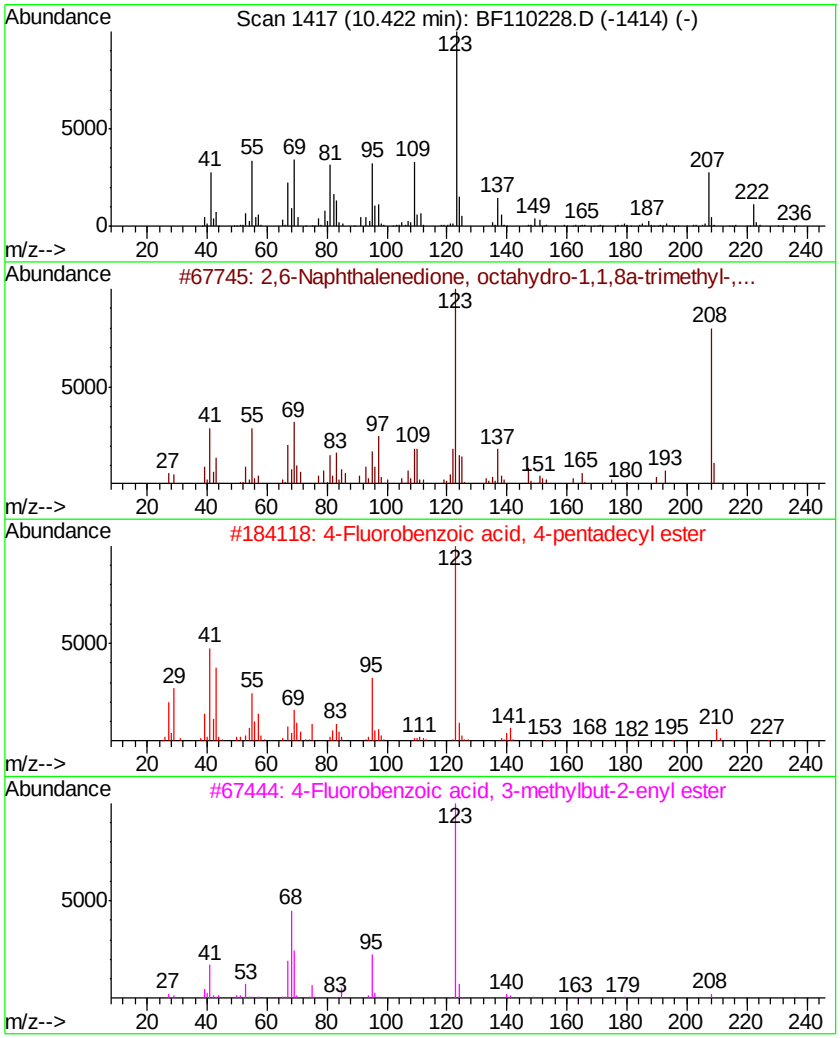
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

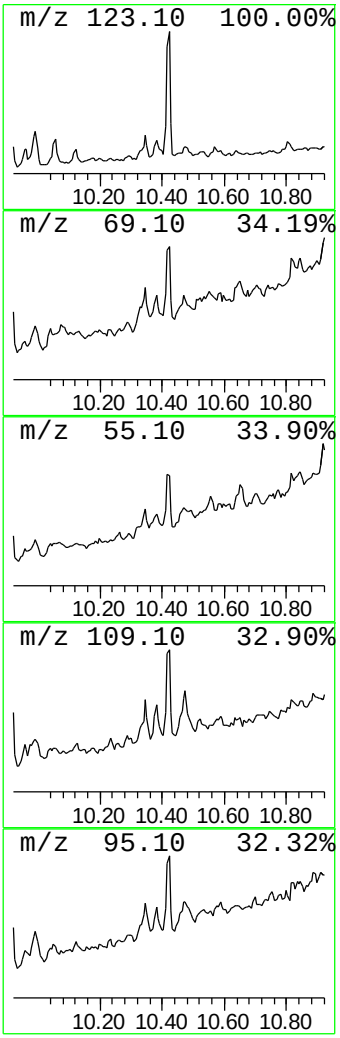
****

Peak Number 11 2,6-Naphthalenedione, octah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	16.07 ng	578210	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	53
2	4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	50
3	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	49
4	4-Fluorobenzoic acid, 1-cyclopen...	236	C14H17FO2	1000279-05-8	47
5	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	46





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Instrument : BNA_F
ClientSampleId : WS-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

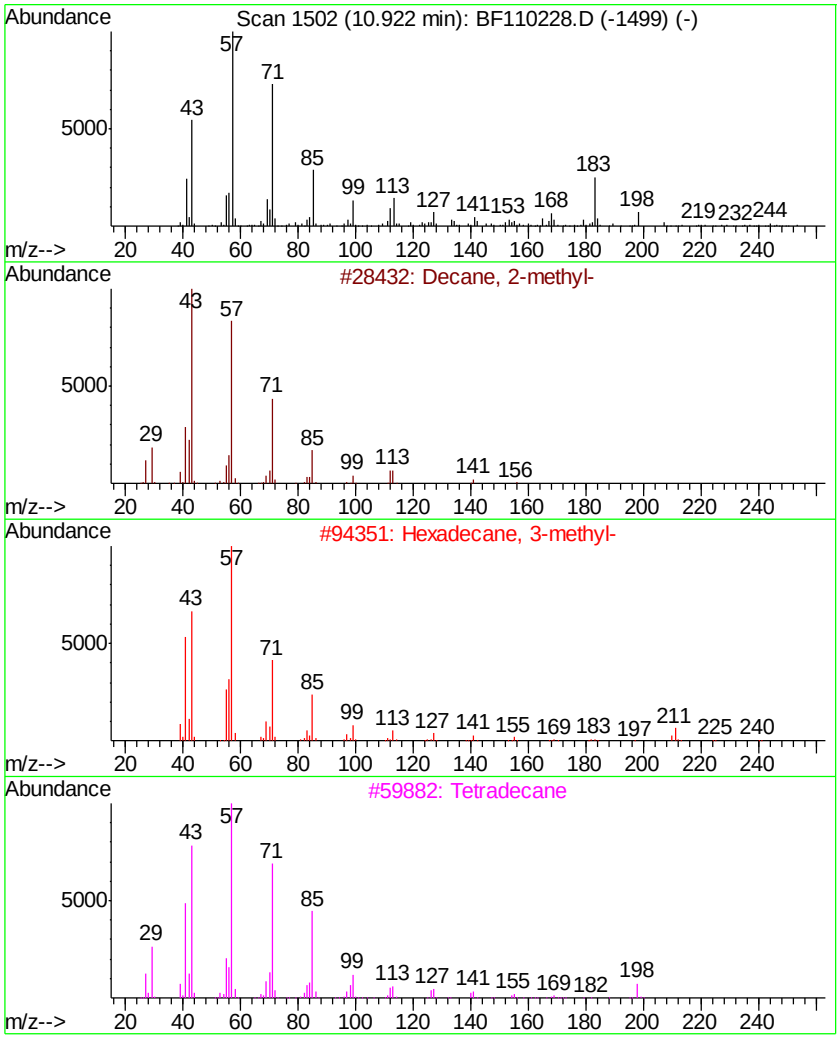
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

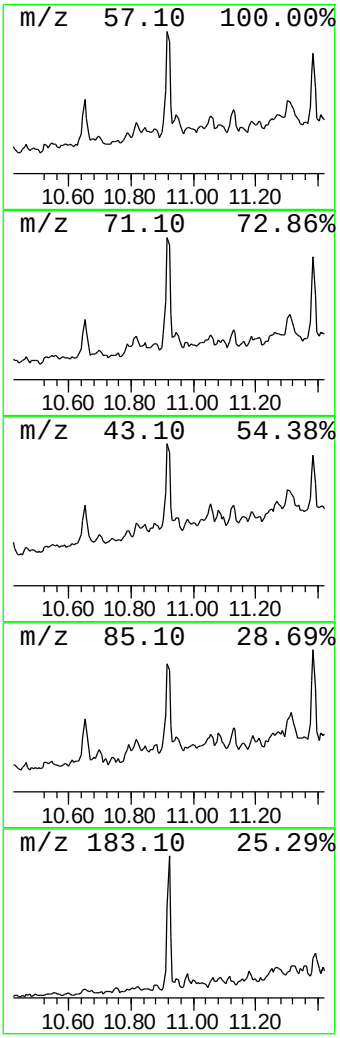
****

Peak Number 12 Decane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	18.56 ng	545047	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	70
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





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Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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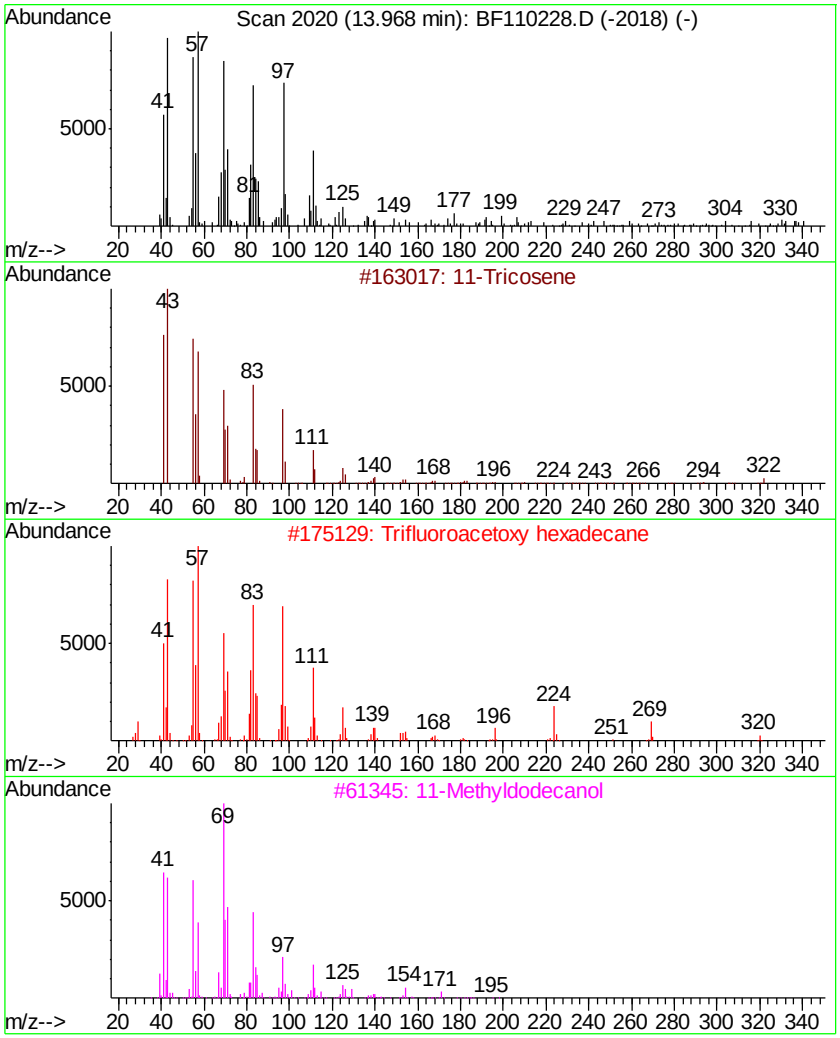
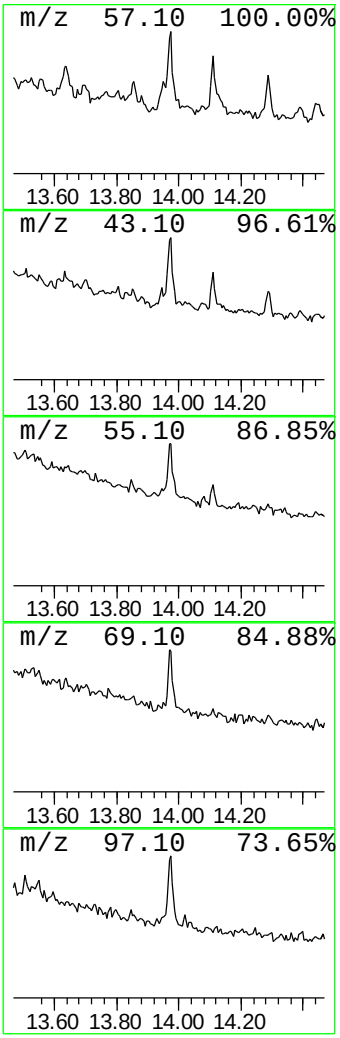
Peak Number 13 11-Tricosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	9.39 ng	255060	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	93
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
3	11-Methyldodecanol	200	C13H28O	085763-57-1	83
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	76
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	76





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Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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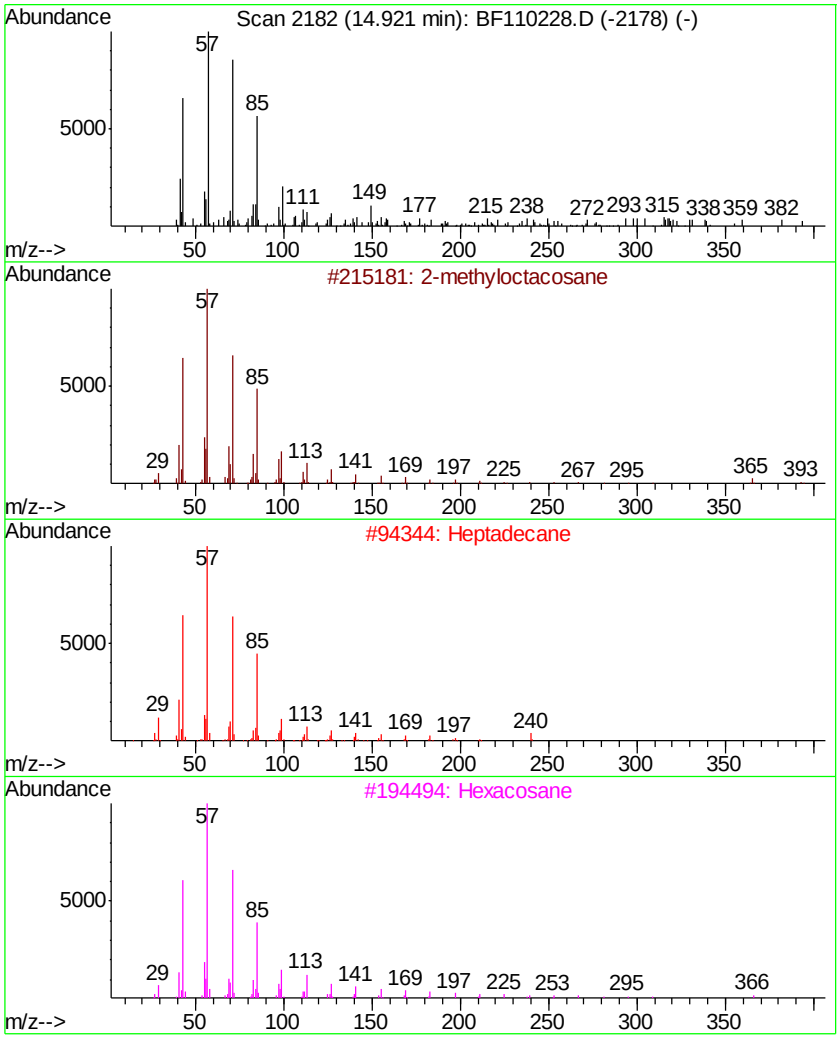
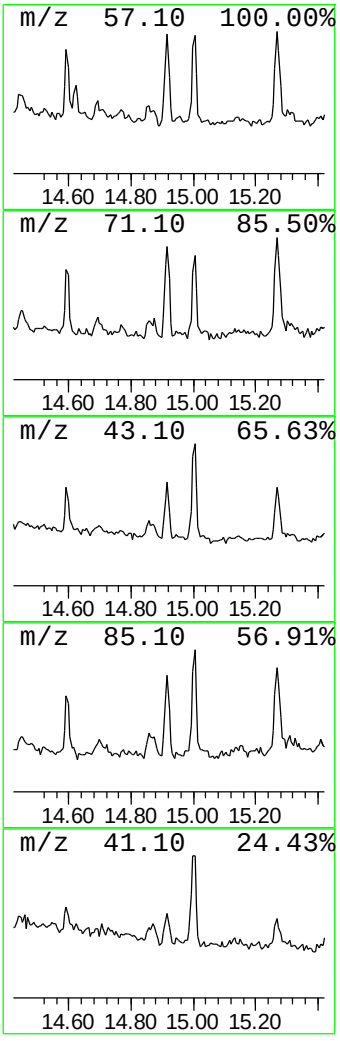
Peak Number 14 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.00 ng	108656	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

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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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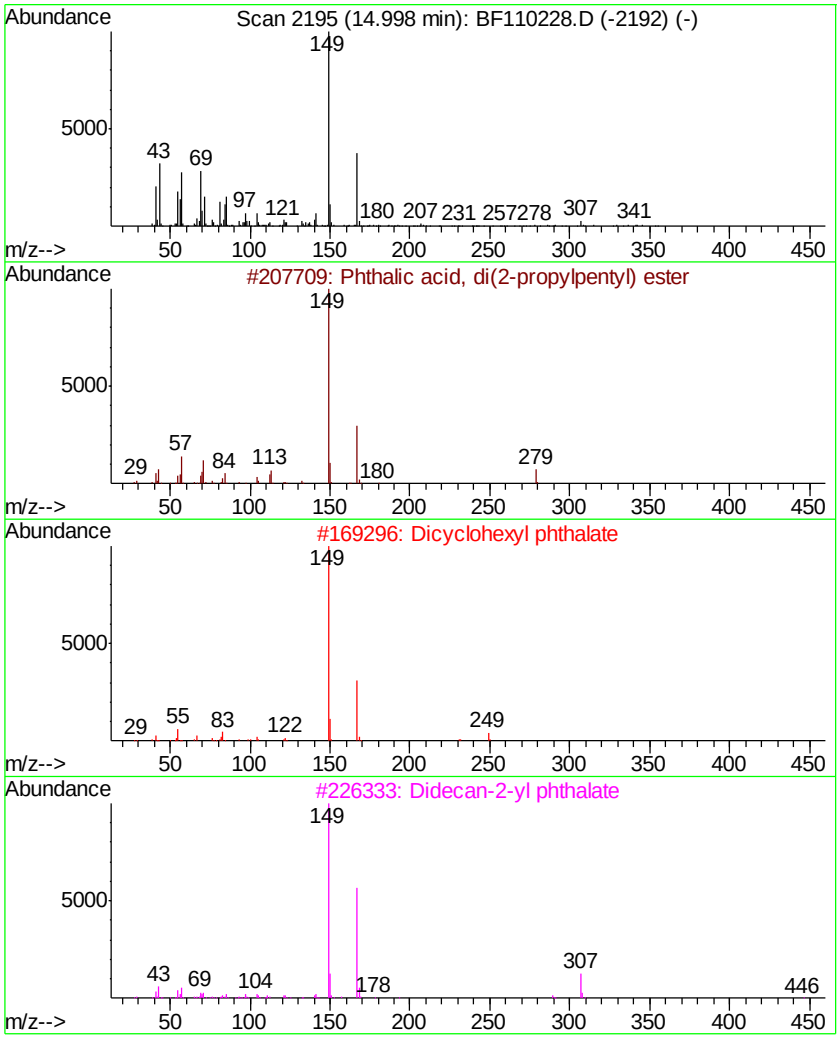
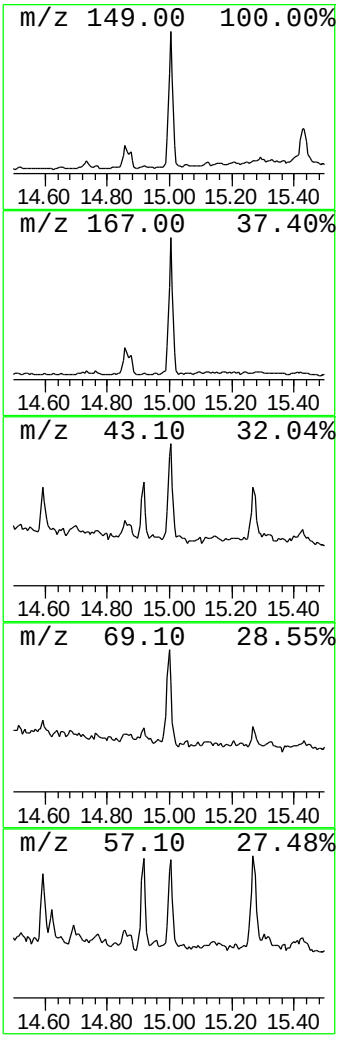
Peak Number 15 Phthalic acid, di(2-propylp... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	15.87 ng	427235	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	80
2	Dicyclohexyl phthalate	330	C20H26O4	000084-61-7	64
3	Didecan-2-yl phthalate	446	C28H46O4	028029-89-2	59
4	Phthalic acid, isohexyl isopropy...	292	C17H24O4	1000315-00-4	53
5	Phthalic acid, hex-3-yl isohexyl...	334	C20H30O4	1000356-95-6	53





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Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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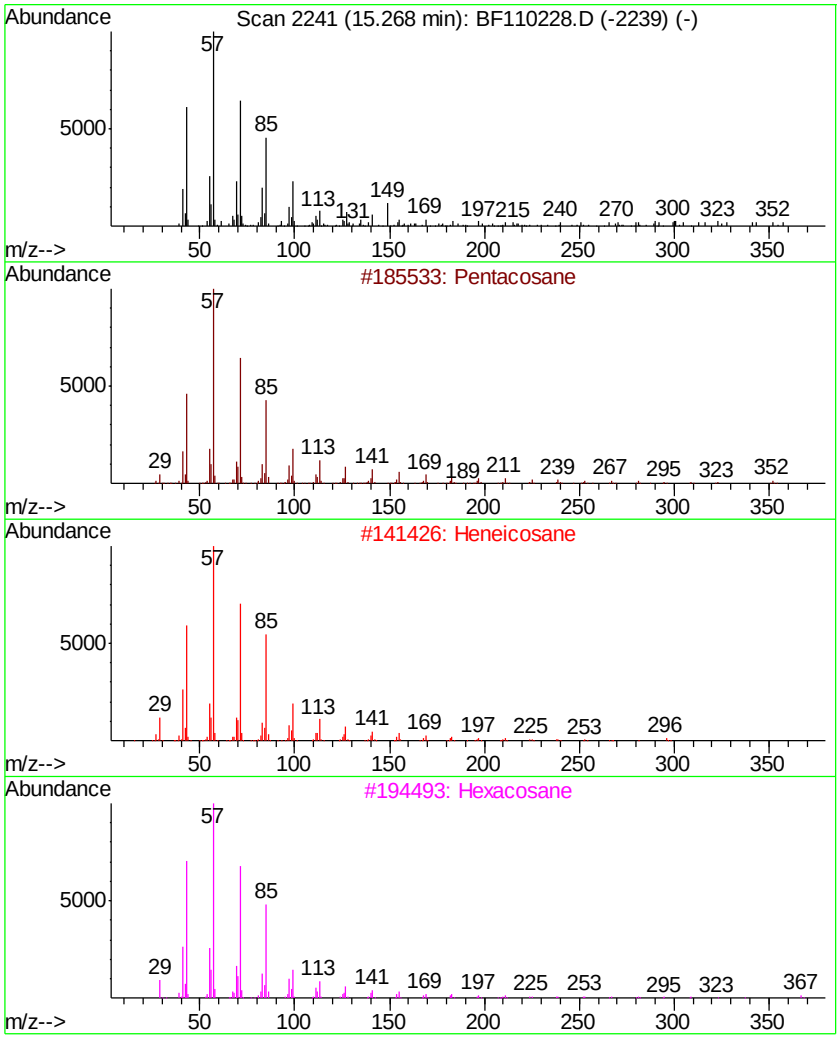
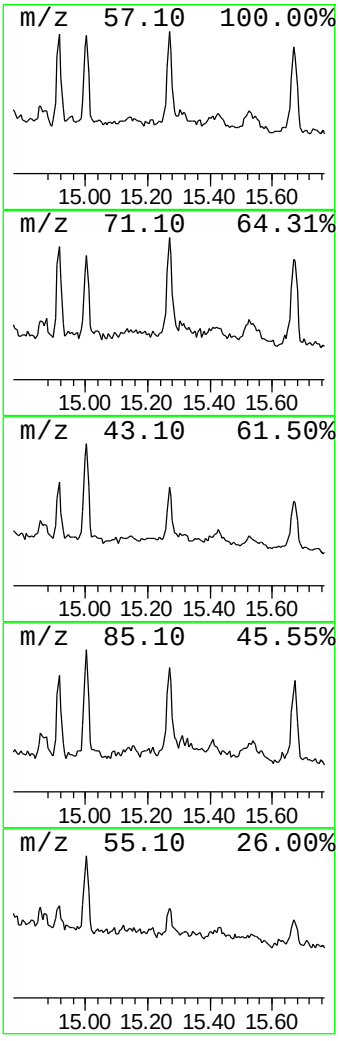
Peak Number 16 Pentacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.45 ng	119848	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	89
2	Heneicosane	296	C21H44	000629-94-7	74
3	Hexacosane	366	C26H54	000630-01-3	68
4	Tetracosane	338	C24H50	000646-31-1	64
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64





Library Search Compound Report

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Acq On : 26 Oct 2018 23:40
Operator : JU/SJ
Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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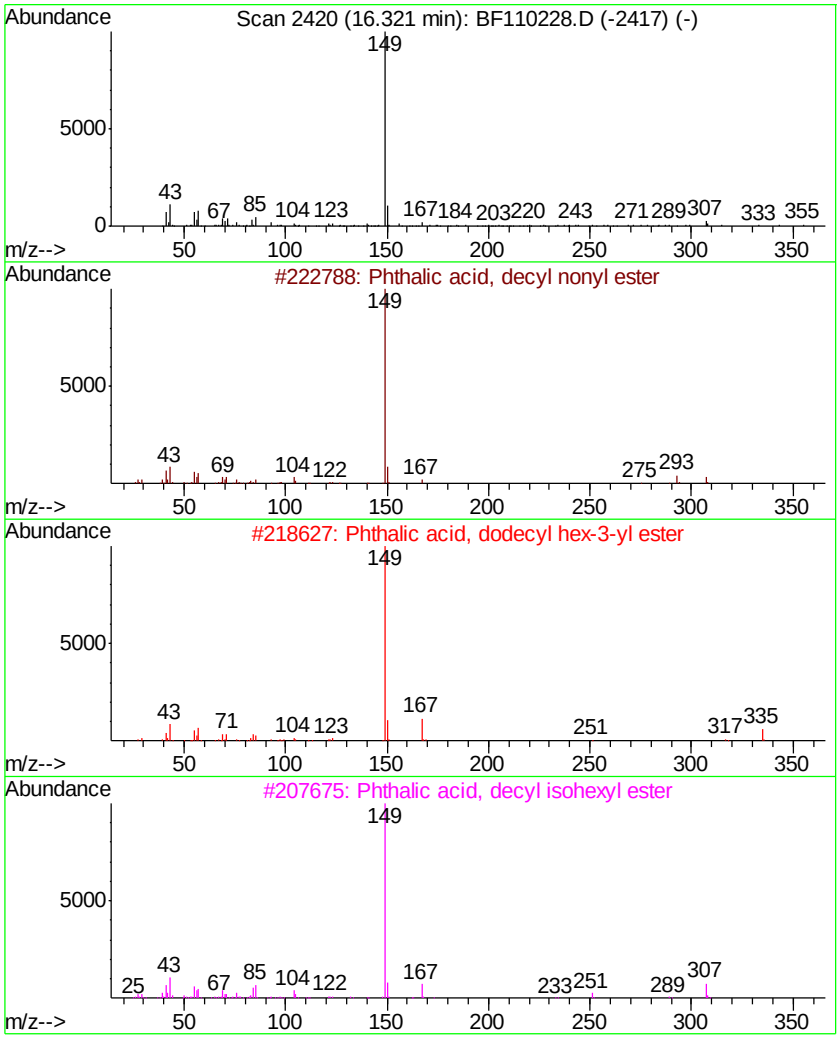
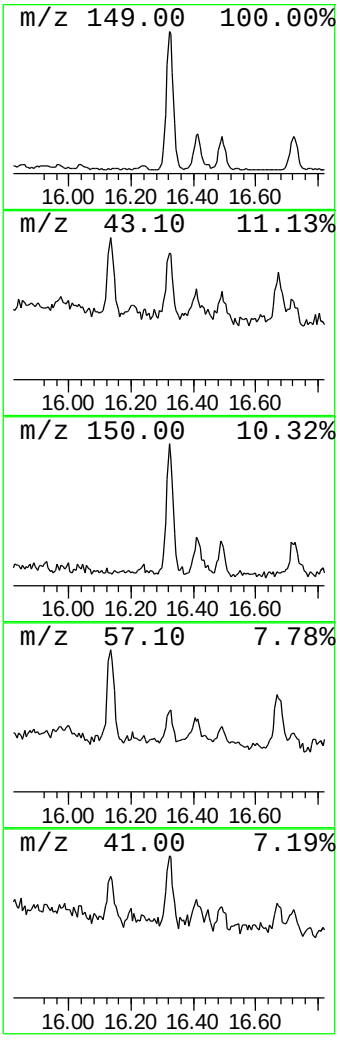
Peak Number 17 Phthalic acid, decyl nonyl ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	6.61 ng	177910	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	80
2	Phthalic acid, dodecyl hex-3-yl ...	418	C26H42O4	1000356-96-3	72
3	Phthalic acid, decyl isohexyl ester	390	C24H38O4	1000308-98-4	72
4	Phthalic acid, cyclobutyl hexyl ...	304	C18H24O4	1000314-90-1	72
5	Phthalic acid, nonyl pentafluoro...	458	C23H23F5O4	1000356-30-4	72





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Sample : J5656-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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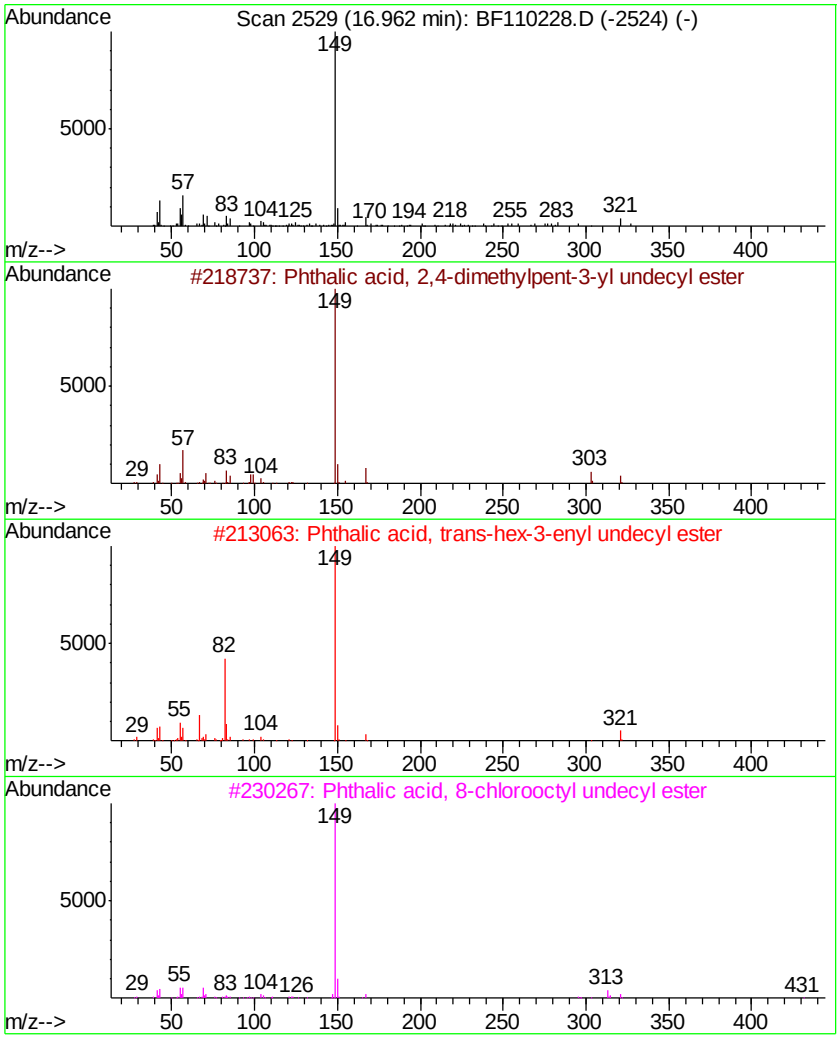
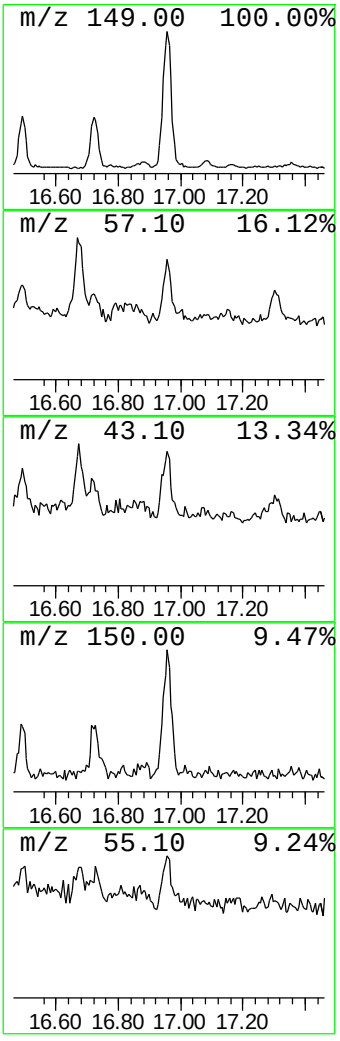
Peak Number 18 Phthalic acid, 2,4-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	5.01 ng	134978	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2,4-dimethylpent-...	418	C26H42O4	1000356-85-0	80
2	Phthalic acid, trans-hex-3-enyl ...	402	C25H38O4	1000360-48-9	72
3	Phthalic acid, 8-chlorooctyl und...	466	C27H43ClO4	1000356-86-6	72
4	Phthalic acid, ethyl tetradecyl ...	390	C24H38O4	1000309-00-5	72
5	Phthalic acid, 4-octyl propyl ester	320	C19H28O4	1000314-83-7	64





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ALS Vial : 23 Sample Multiplier: 1

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

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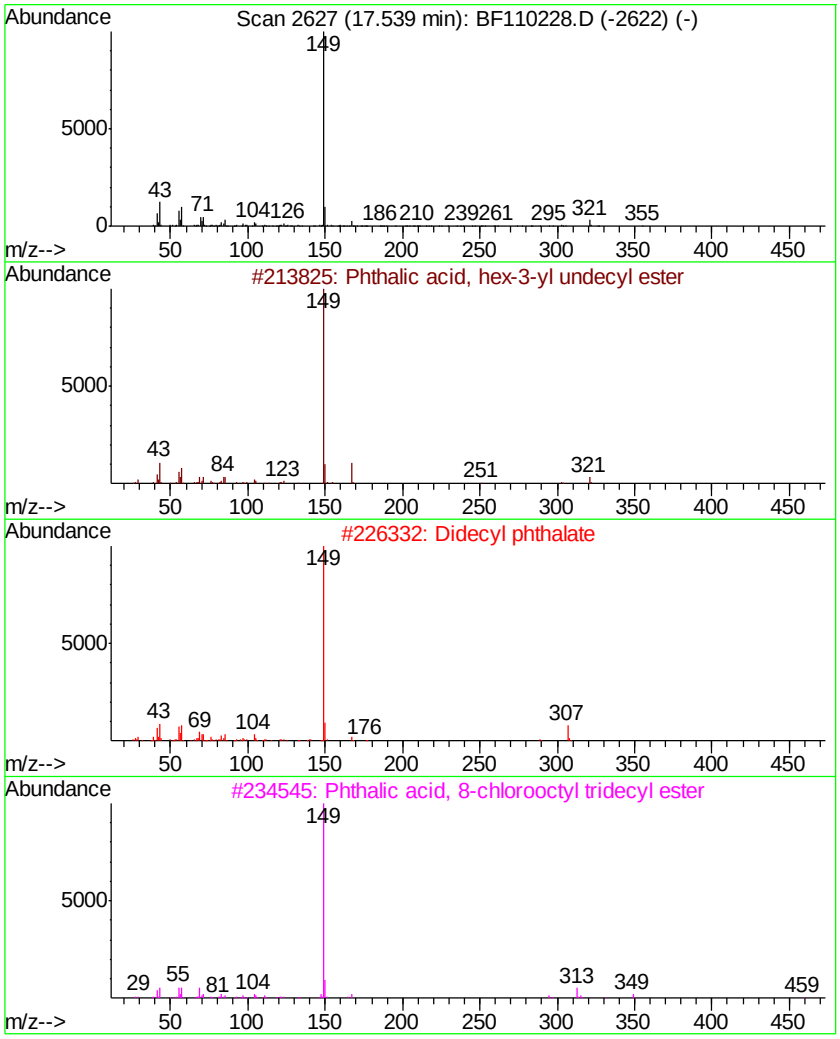
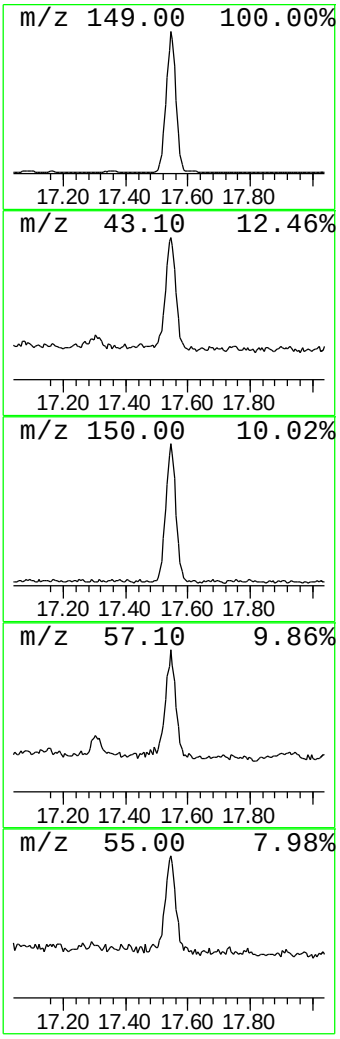
Peak Number 19 Phthalic acid, hex-3-yl und... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	30.09 ng	810116	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	78
2	Didecyl phthalate	446	C28H46O4	000084-77-5	78
3	Phthalic acid, 8-chlorooctyl tri...	494	C29H47ClO4	1000356-86-8	78
4	Phthalic acid, 2-ethylcyclohexyl...	430	C27H42O4	1000315-36-1	78
5	Phthalic acid, 2-propylpentyl un...	432	C27H44O4	1000377-92-7	78





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : WS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.30	61.1	ng	2240850	1	6.97	733700	20.0
unknown6.74	6.74	65.3	ng	2396400	1	6.97	733700	20.0
Benzene, 1,2-dich...	8.96	2.8	ng	124195	2	8.25	885569	20.0
1H-Indene, octahy...	9.77	2.7	ng	98554	3	10.01	719755	20.0
Decahydro-4,4,8,9...	9.87	7.4	ng	265071	3	10.01	719755	20.0
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unknown9.96	9.96	4.6	ng	164180	3	10.01	719755	20.0
unknown10.35	10.35	18.2	ng	654374	3	10.01	719755	20.0
unknown10.38	10.38	8.0	ng	286666	3	10.01	719755	20.0
2,6-Naphthalenedi...	10.42	16.1	ng	578210	3	10.01	719755	20.0
Decane, 2-methyl-	10.92	18.6	ng	545047	4	11.51	587390	20.0
11-Tricosene	13.97	9.4	ng	255060	5	14.16	542974	20.0
2-methyloctacosane	14.92	4.0	ng	108656	5	14.16	542974	20.0
Phthalic acid, di...	15.00	15.9	ng	427235	6	15.69	538548	20.0
Pentacosane	15.27	4.5	ng	119848	6	15.69	538548	20.0
Phthalic acid, de...	16.32	6.6	ng	177910	6	15.69	538548	20.0
Phthalic acid, 2,...	16.96	5.0	ng	134978	6	15.69	538548	20.0
Phthalic acid, he...	17.54	30.1	ng	810116	6	15.69	538548	20.0