

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085478.D
 Acq On : 16 Mar 2016 22:58
 Operator : UM/SJ
 Sample : H1790-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.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	2.367	5	7	9	rBV3	117619	156398	3.43%	0.472%
2	2.447	12	14	15	rBV2	107425	164183	3.60%	0.495%
3	2.561	22	24	26	rVB3	110266	137150	3.01%	0.414%
4	2.607	26	28	29	rVB3	59836	70102	1.54%	0.211%
5	2.664	29	33	34	rBV2	211128	370353	8.12%	1.117%
6	2.698	34	36	39	rVV4	164649	457147	10.02%	1.379%
7	2.778	39	43	44	rVV4	222206	606782	13.30%	1.831%
8	2.858	46	50	52	rVV5	268314	979753	21.47%	2.956%
9	2.973	56	60	61	rVV4	296881	959324	21.02%	2.894%
10	3.030	64	65	69	rVB3	296024	467463	10.24%	1.410%
11	5.098	242	246	251	rVB	51235	107012	2.35%	0.323%
12	5.178	251	253	256	rBV2	54566	88410	1.94%	0.267%
13	5.499	278	281	283	rBV	2561338	2471987	54.18%	7.458%
14	6.527	369	371	374	rBV	2450243	2640925	57.88%	7.967%
15	6.664	380	383	386	rBV	2724019	2652161	58.12%	8.001%
16	6.904	401	404	406	rBV	324448	397892	8.72%	1.200%
17	7.053	415	417	420	rBV	2007005	1981847	43.43%	5.979%
18	7.464	450	453	455	rBV	2144562	2020739	44.29%	6.096%
19	7.556	458	461	463	rVV	77075	92778	2.03%	0.280%
20	8.184	514	516	518	rBV	696631	562633	12.33%	1.697%
21	9.270	608	611	613	rBV	3134404	4252515	93.20%	12.830%
22	9.659	643	645	647	rBV	876946	821740	18.01%	2.479%
23	9.876	661	664	666	rVB	93119	95893	2.10%	0.289%
24	9.945	668	670	672	rVB	550708	586150	12.85%	1.768%
25	10.368	706	707	709	rVB	146026	142889	3.13%	0.431%
26	10.585	723	726	730	rBV	49015	98304	2.15%	0.297%
27	10.733	736	739	741	rBV	2621973	2748537	60.24%	8.292%
28	10.848	747	749	756	rBV	146848	230159	5.04%	0.694%
29	11.042	763	766	770	rVB3	20764	51588	1.13%	0.156%
30	11.293	786	788	789	rBV	110570	99025	2.17%	0.299%
31	11.419	797	799	802	rBV2	500595	586720	12.86%	1.770%
32	11.945	844	845	850	rVB2	45921	54157	1.19%	0.163%
33	13.008	936	938	941	rBV	3131637	4562861	100.00%	13.766%
34	13.488	976	980	982	rBV	236298	385407	8.45%	1.163%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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35	13.556	985	986	992	rVB	29022	54495	1.19%	0.164%
36	13.899	1014	1016	1024	rBV	148558	198392	4.35%	0.599%
37	14.059	1027	1030	1032	rVV	514389	452309	9.91%	1.365%
38	14.174	1037	1040	1043	rBV2	24807	47997	1.05%	0.145%
39	15.500	1153	1156	1159	rBV	222569	292049	6.40%	0.881%

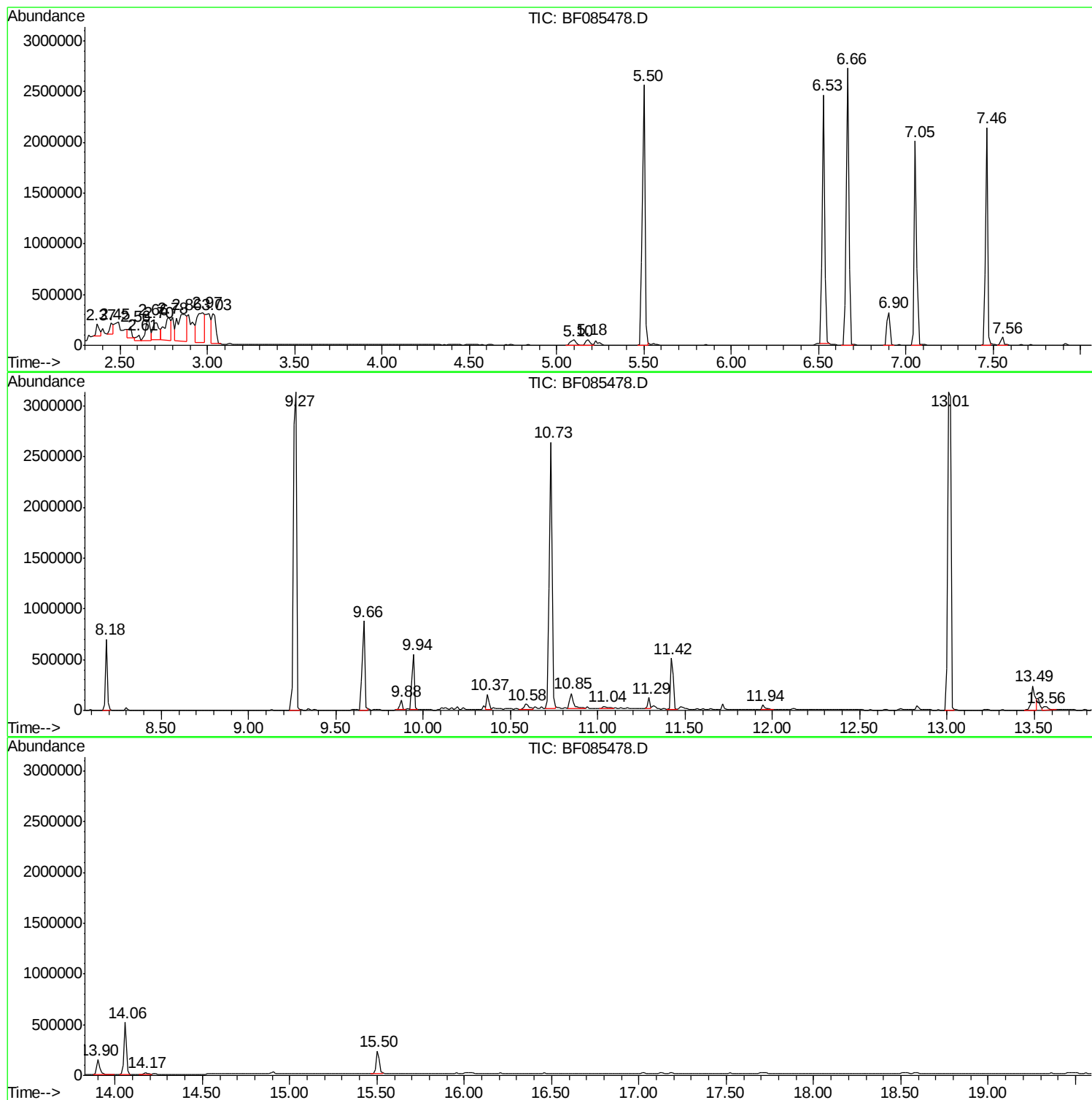
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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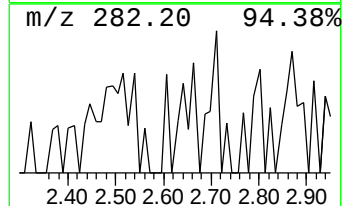
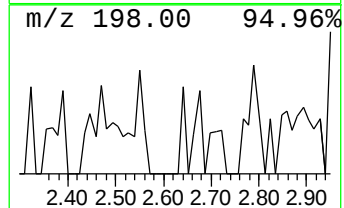
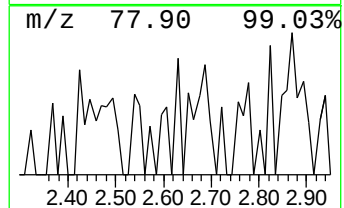
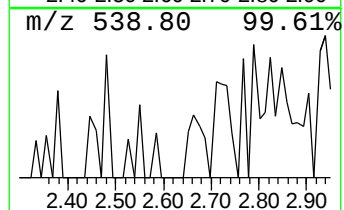
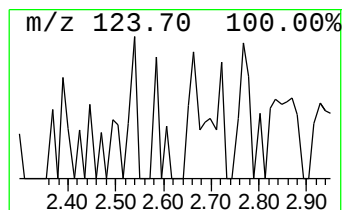
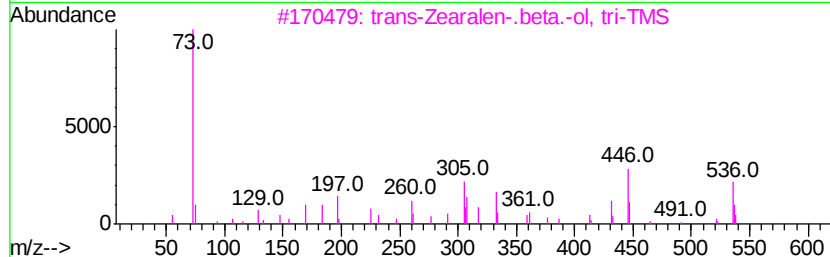
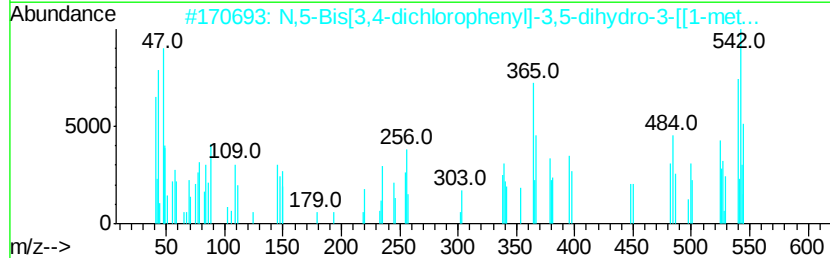
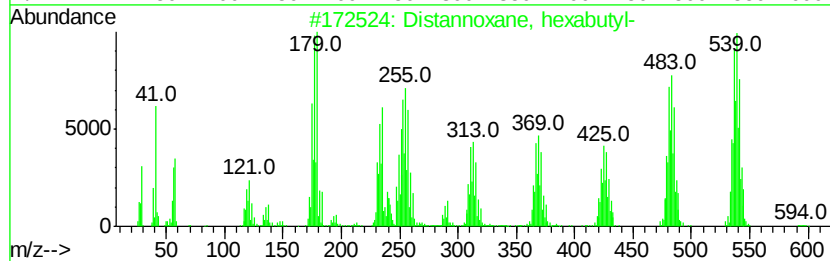
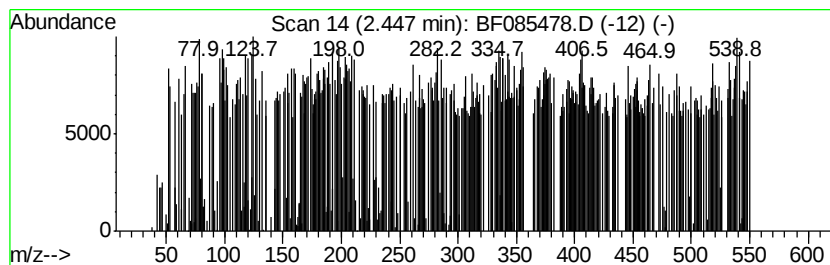
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.45	8.25 ng	164183	1,4-Dichlorobenzene-d4	6.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Distannoxane, hexabutyl-	598	C24H54OSn2	000056-35-9	38
2	N,5-Bis[3,4-dichlorophenyl]-3,5-...	540	C27H20Cl4N4	333399-40-9	25
3	trans-Zearalen-.beta.-ol, tri-TMS	536	C27H48O5Si3	1000105-55-4	15
4	5-Germaspiro[4.4]nona-1,3,6,8-te...	538	C36H32Ge	150479-95-1	10
5	[1,1'-Biphenyl]-2-ol, phosphite ...	538	C36H27O3P	002752-19-4	10



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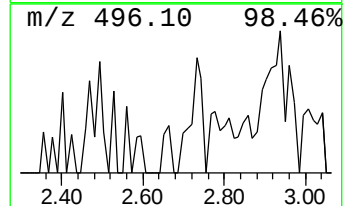
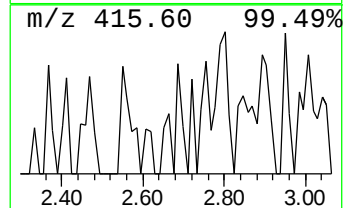
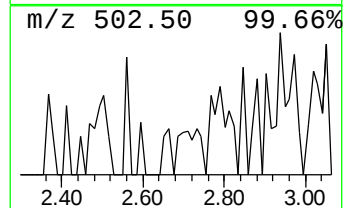
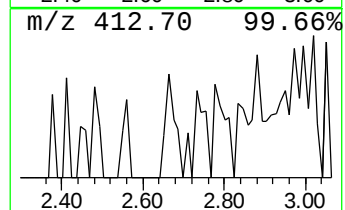
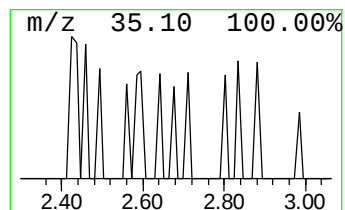
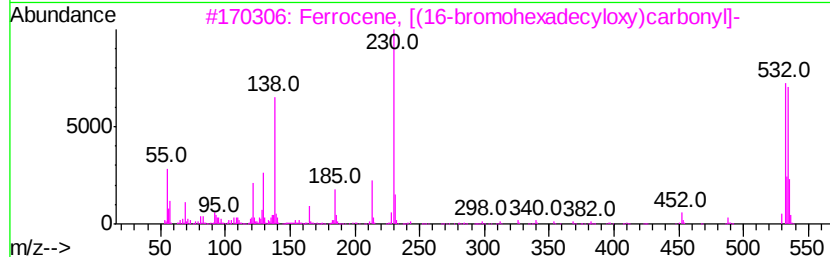
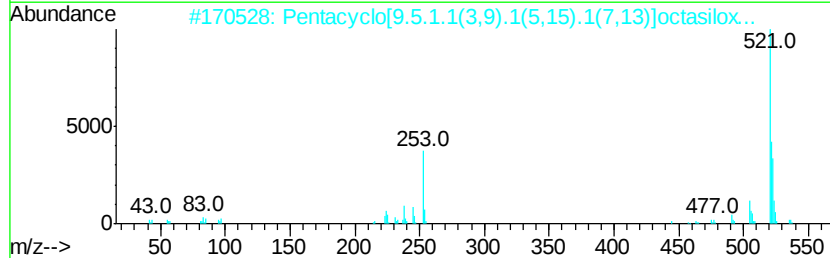
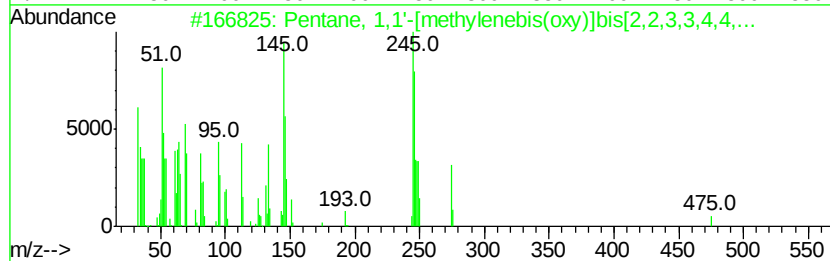
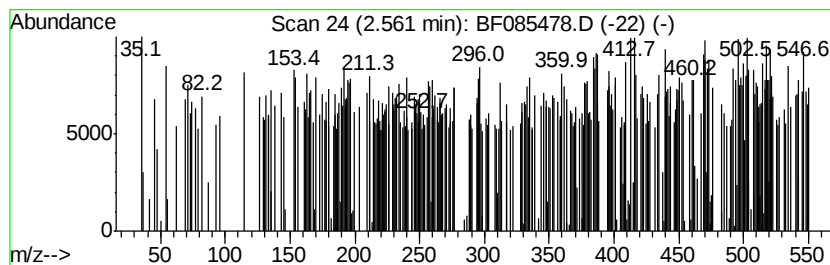
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown2.56 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.56	6.89 ng	137150	1,4-Dichlorobenzene-d4	6.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 1,1'-[methylenebis(oxv)...	476	C11H8F16O2	084342-23-4	35
2	Pentacyclo[9.5.1.1(3,9).1(5,15)...	536	C8H24O12Si8	017865-85-9	9
3	Ferrocene, [(16-bromohexadecvlox...	532	C27H41BrFeO2	1000115-80-9	9
4	Oxvqen difluoride	54	F2O	007783-41-7	7
5	1H-Indole-2,3-dione, 5,7-dichloro-	215	C8H3Cl2N02	006374-92-1	7



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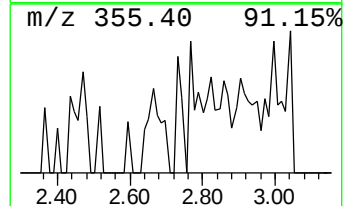
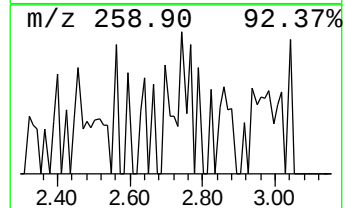
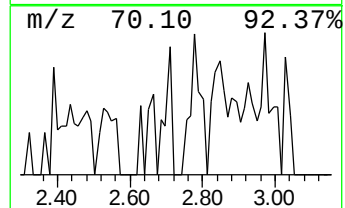
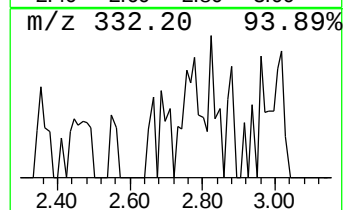
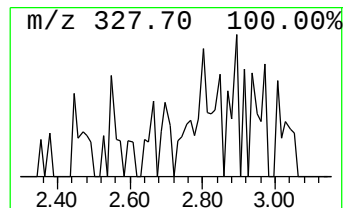
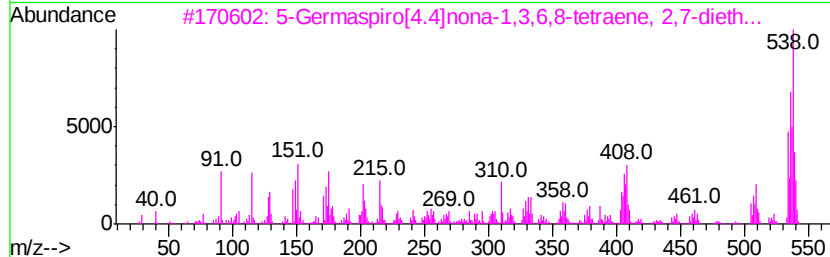
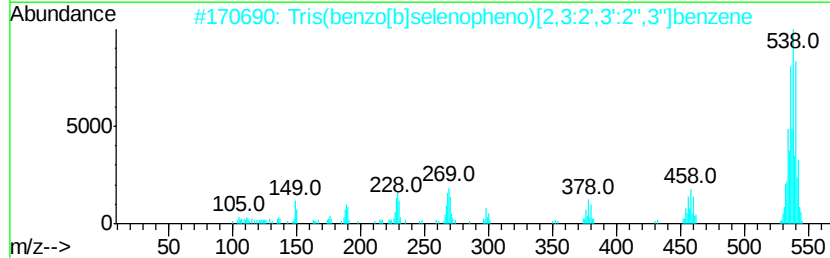
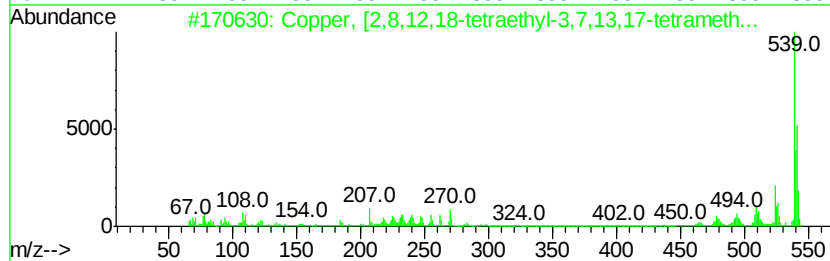
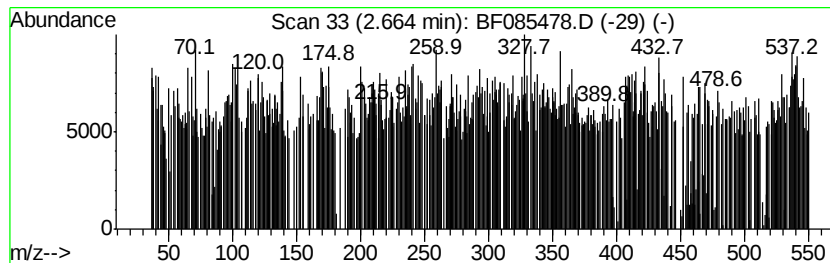
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Copper, [2,8,12,18-tetraeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	18.62 ng	370353	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Copper, [2,8,12,18-tetraethyl-3,...	539	C32H36CuN4	014055-18-6	90
2		Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	38
3		5-Germaspiro[4.4]nona-1,3,6,8-te...	538	C36H32Ge	150479-95-1	14
4		3,3,5,5,9,9,11,11-Octamethyl-1,7...	554	C20H34O7Si6	049538-51-4	9
5		4H-1,2,4-Triazole-3-carboxamide,...	642	C36H27BrN4O3	113372-26-2	9



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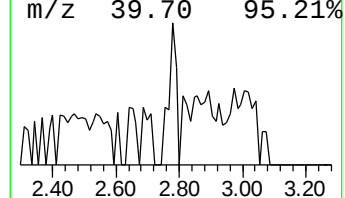
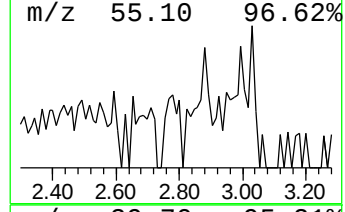
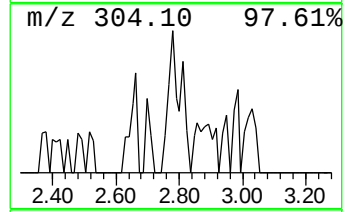
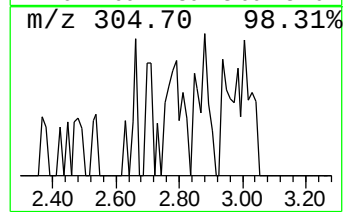
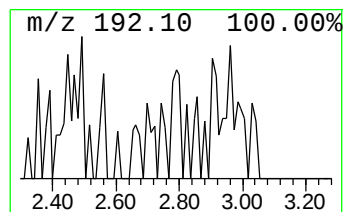
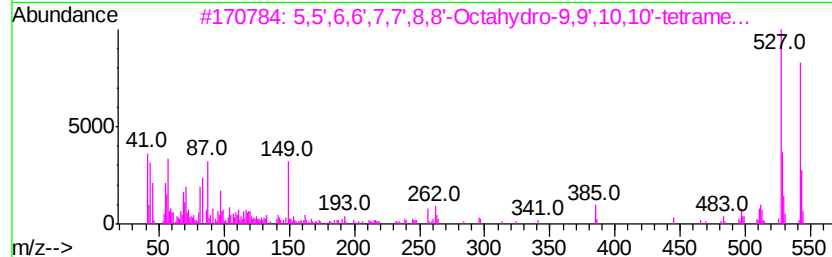
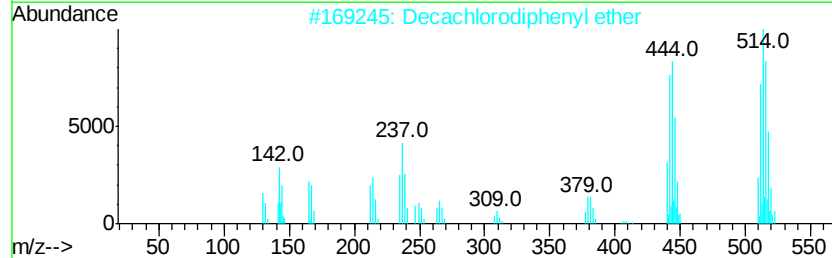
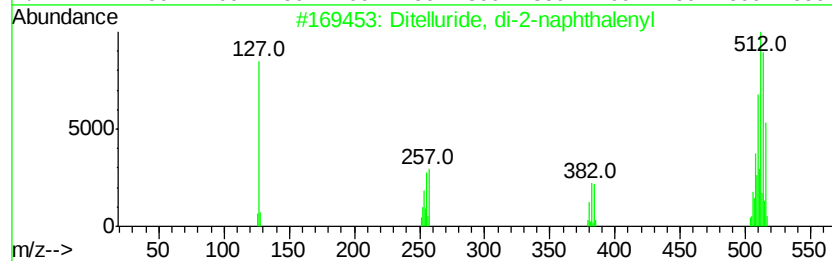
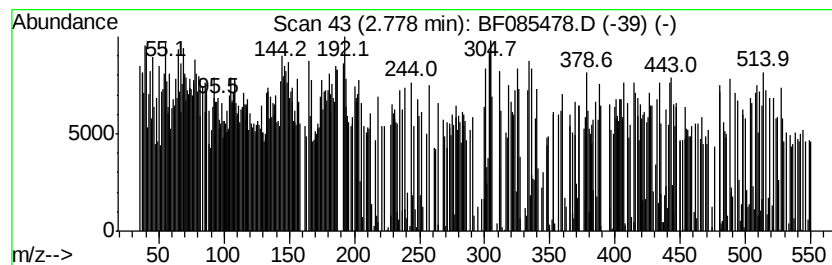
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Peak Number 7 unknown2.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.78	30.50 ng	606782	1,4-Dichlorobenzene-d4	6.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ditelluride, di-2-naphthalenyl	514	C20H14Te2	001666-12-2	25
2	Decachlorodiphenyl ether	510	C12Cl10O	031710-30-2	10
3	5,5',6,6',7,7',8,8'-Octahydro-9,...	542	C32H30O8	099968-11-3	9
4	Cadmium, bis(2-butyl-8-quinolino...	514	C26H28CdN2O2	015685-80-0	9
5	Nickel, [(1,2,3,4,5-eta.)-1,2,3...	544	C38H30Ni	129447-18-3	4



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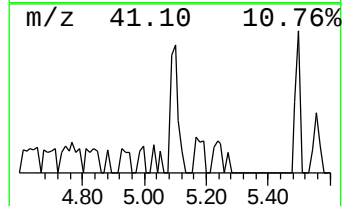
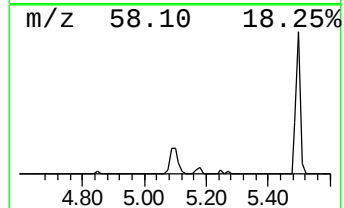
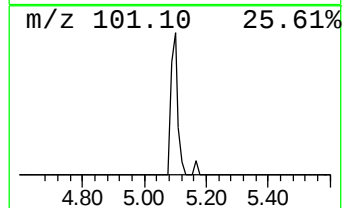
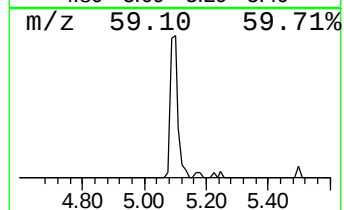
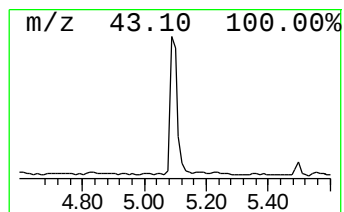
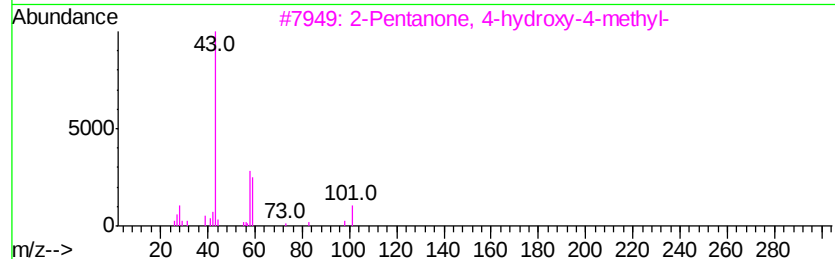
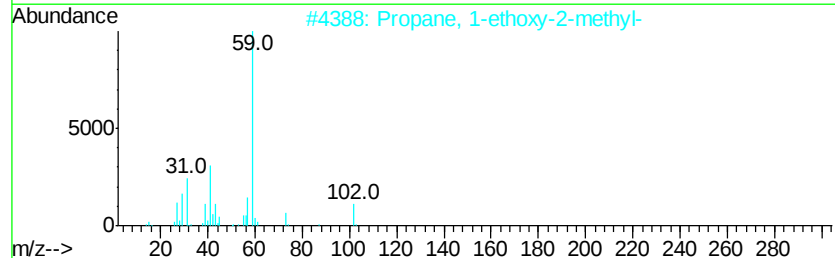
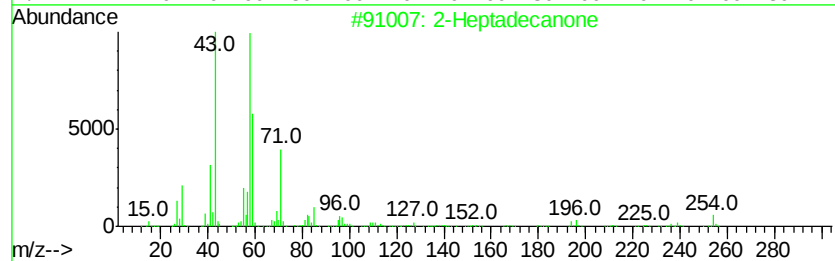
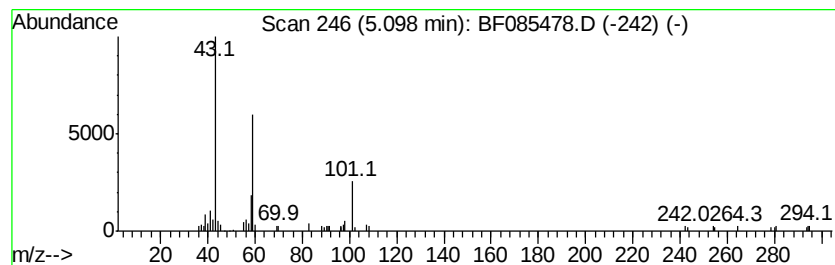
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown5.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	5.38 ng	107012	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptadecanone	254	C17H34O	002922-51-2	37
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
5			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	33



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Data File : BF085478.D
Acq On : 16 Mar 2016 22:58
Operator : UM/SJ
Sample : H1790-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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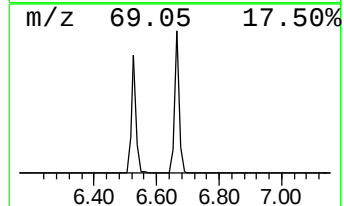
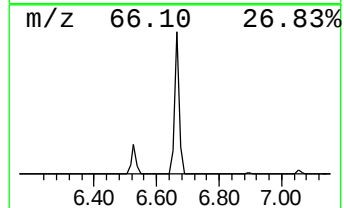
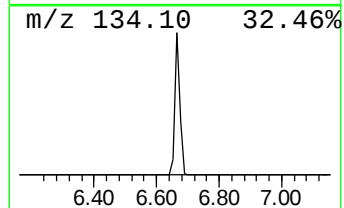
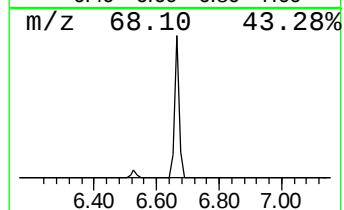
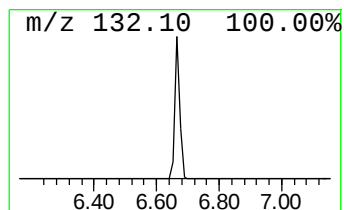
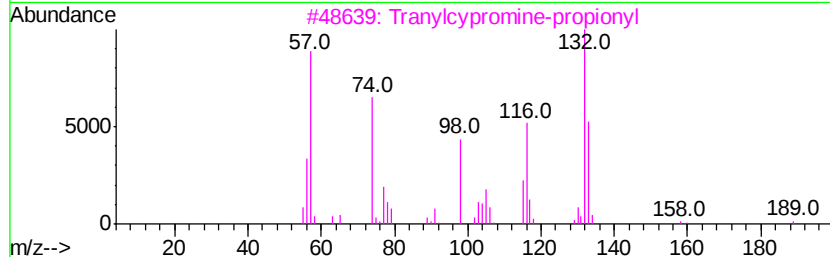
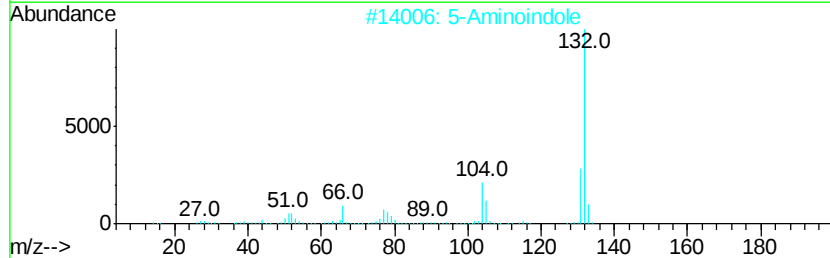
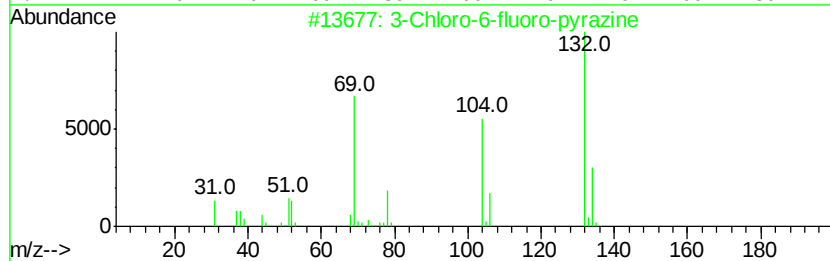
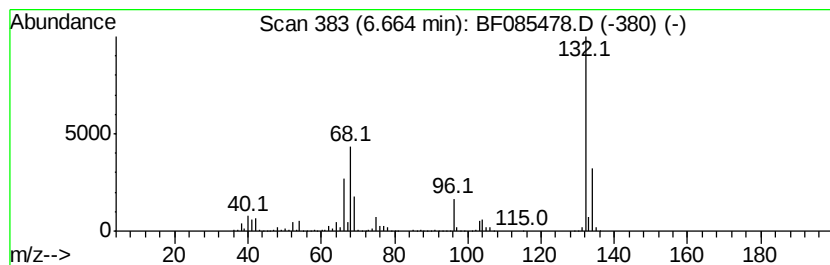
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	133.31 ng	2652160	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranvlcyproline-propionyl			189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...			132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9



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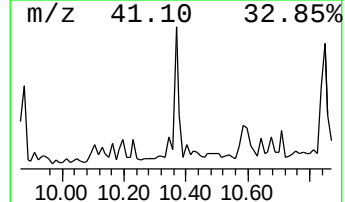
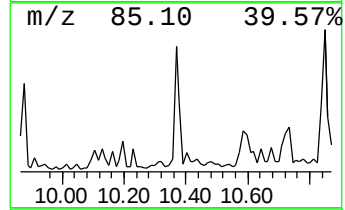
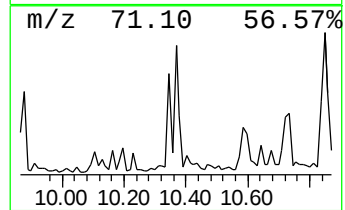
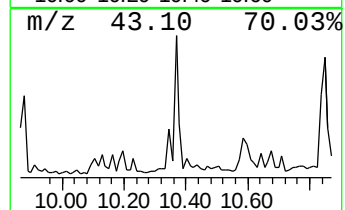
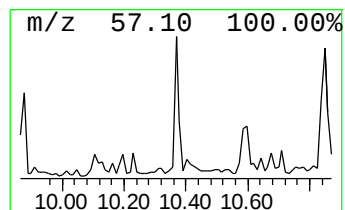
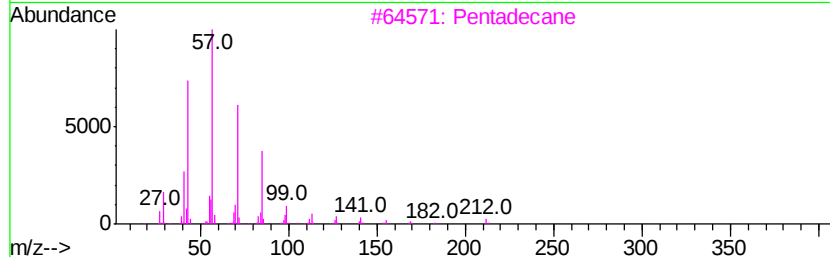
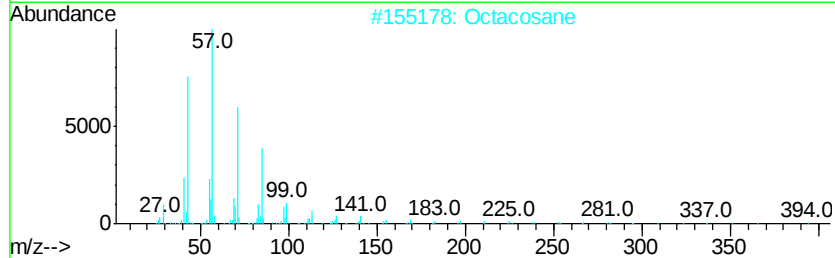
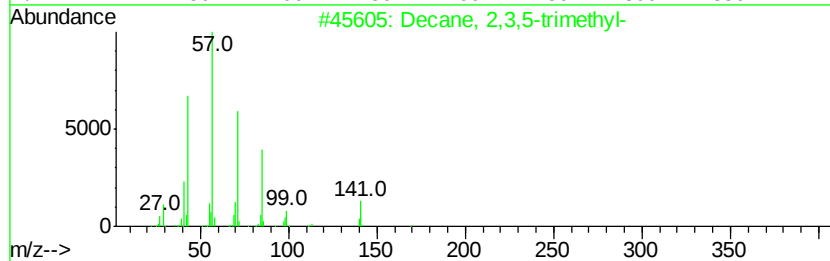
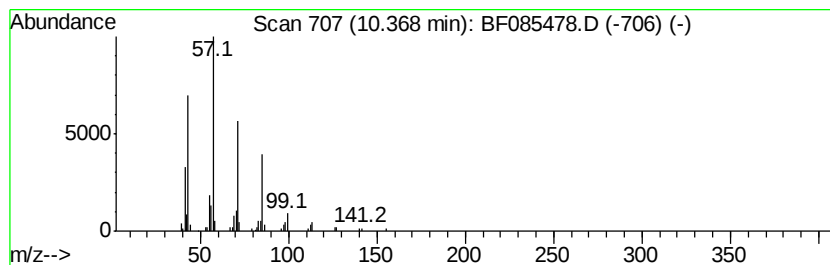
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Decane, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	4.88 ng	142889	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2			Octacosane	394	C28H58	000630-02-4	83
3			Pentadecane	212	C15H32	000629-62-9	83
4			Heptadecane	240	C17H36	000629-78-7	83
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
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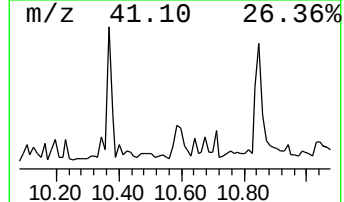
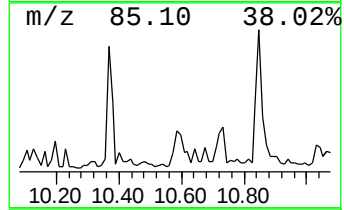
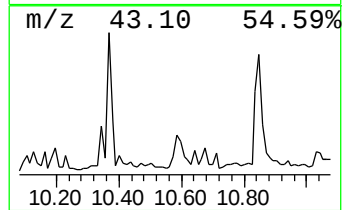
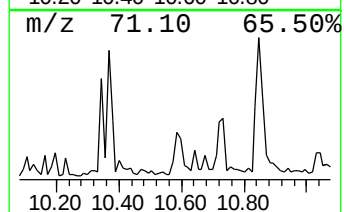
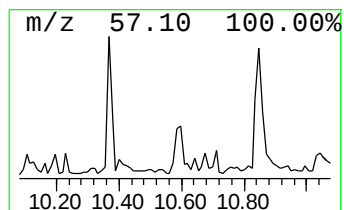
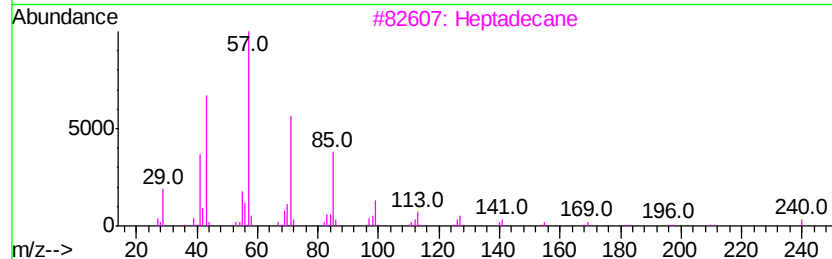
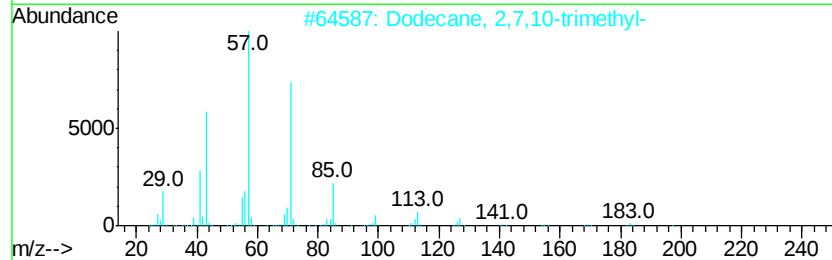
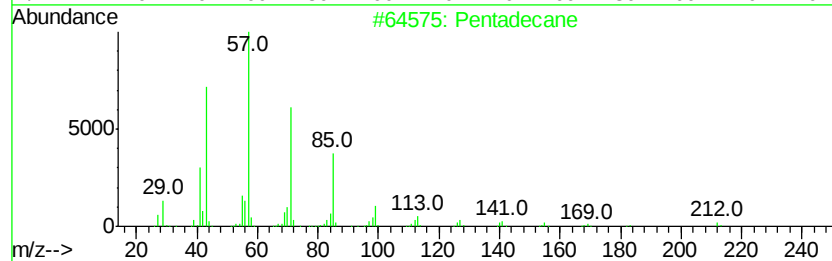
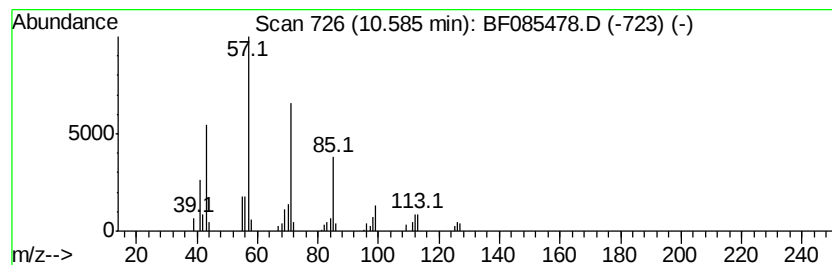
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.35 ng	98304	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	86
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	78
3	Heptadecane	240 C17H36	000629-78-7	78
4	Hexadecane	226 C16H34	000544-76-3	78
5	Eicosane	282 C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
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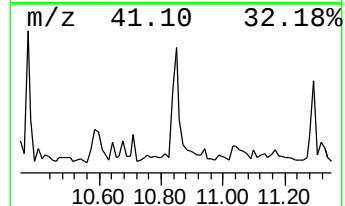
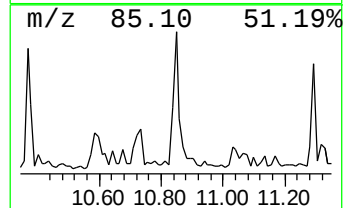
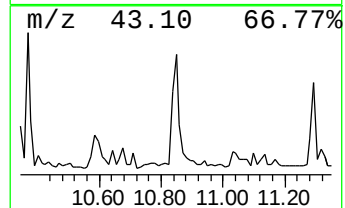
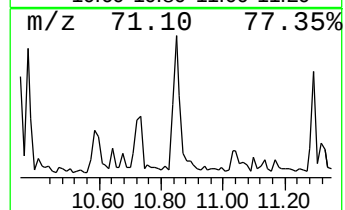
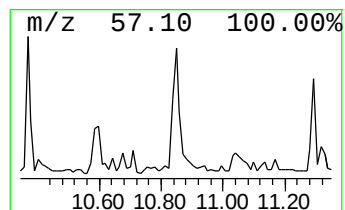
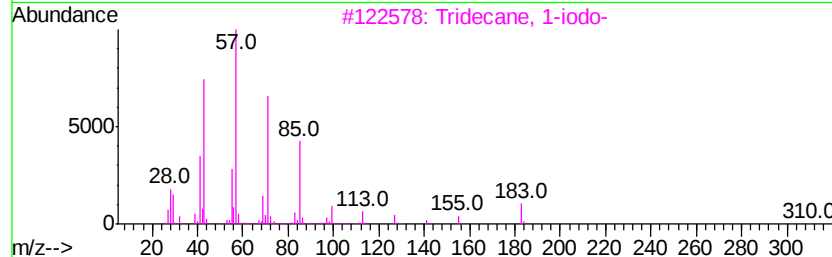
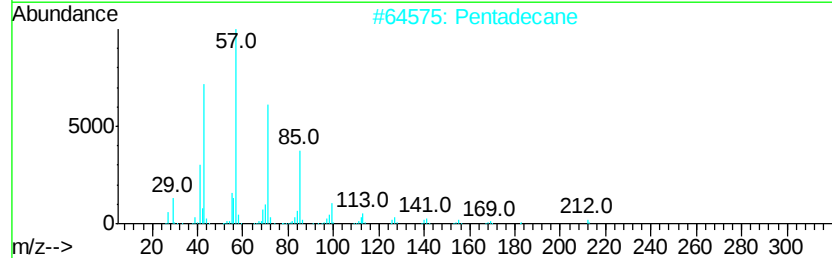
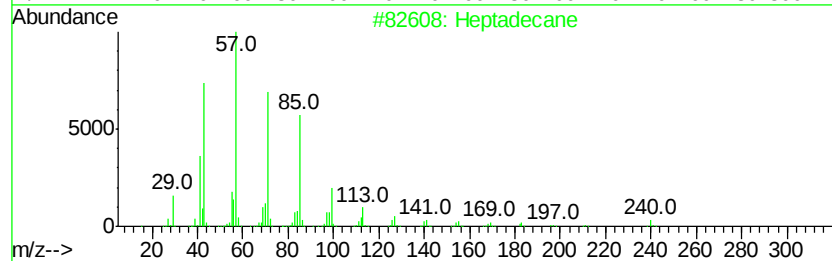
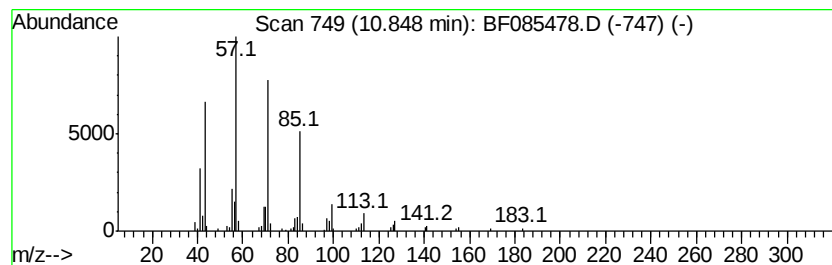
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	7.85 ng	230159	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Pentadecane	212	C15H32	000629-62-9	91
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
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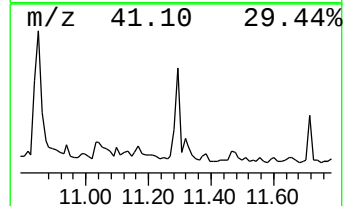
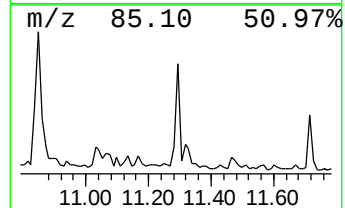
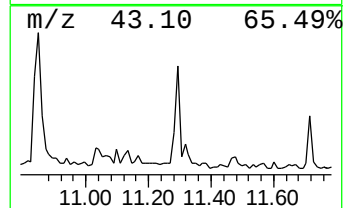
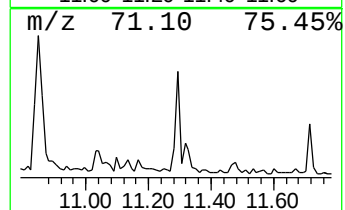
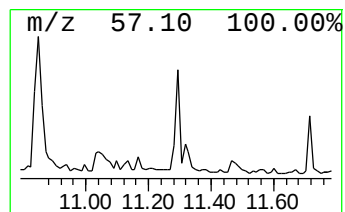
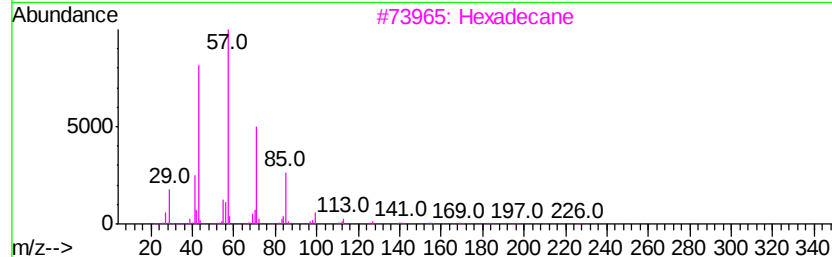
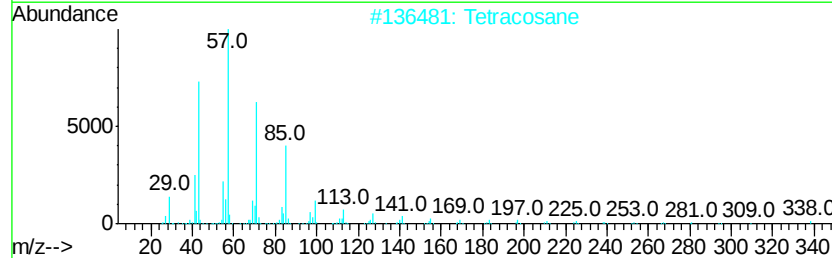
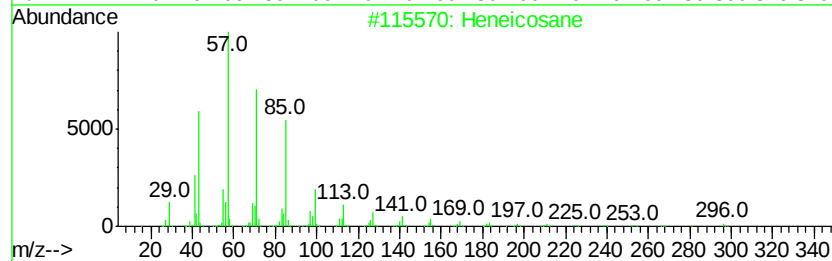
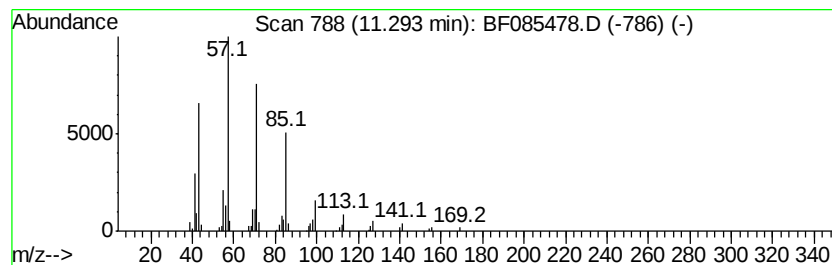
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.29	3.38 ng	99025	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
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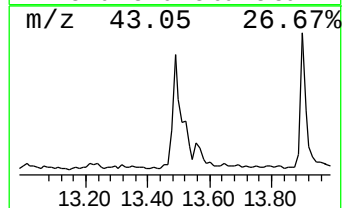
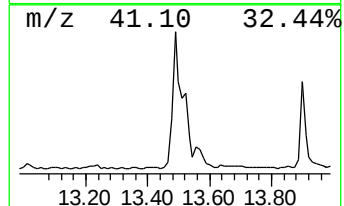
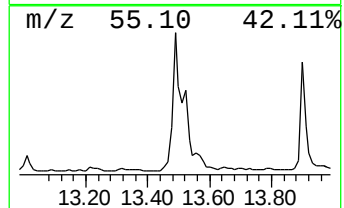
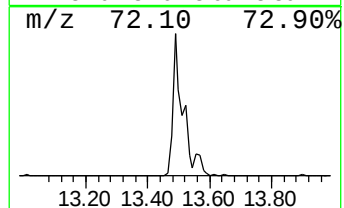
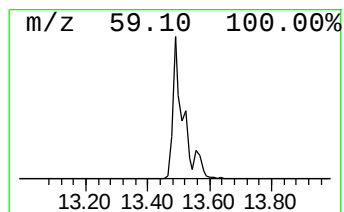
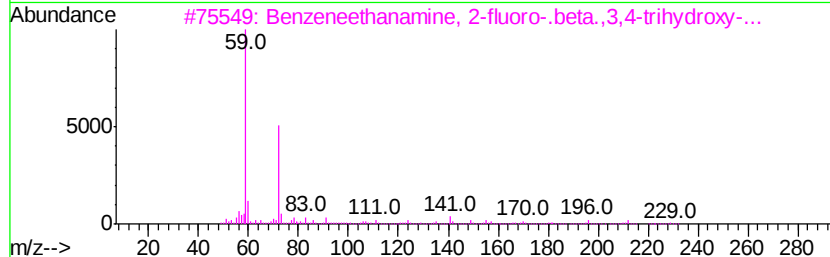
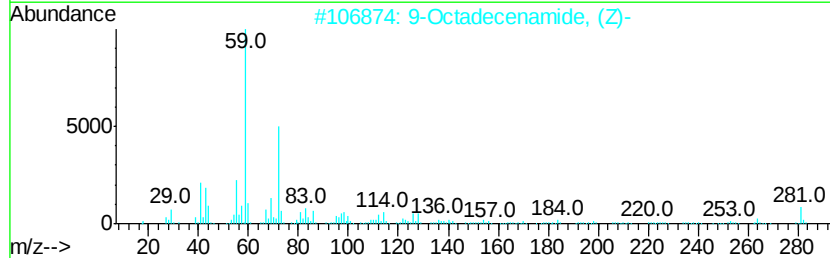
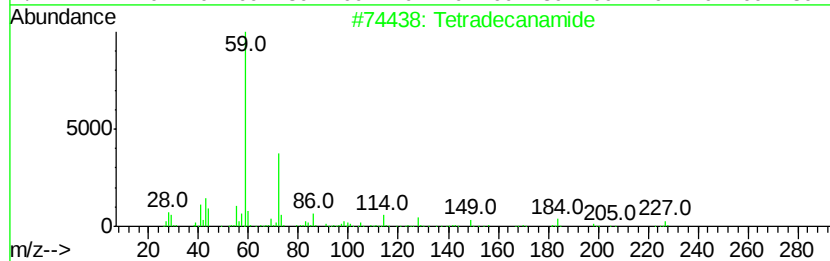
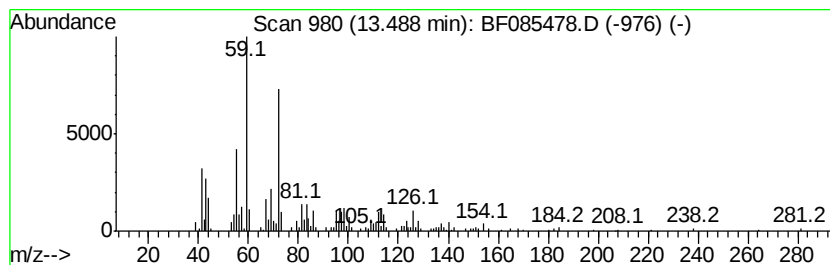
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecanamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	17.04 ng	385407	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanamide	227 C14H29NO	000638-58-4 53
2		9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0 53
3		Benzeneethanamine, 2-fluoro-.bet...	229 C11H16FN03	061338-98-5 50
4		Octanamide	143 C8H17NO	000629-01-6 50
5		2-Octanol, 2-methyl-6-methylene-	156 C10H20O	018479-59-9 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
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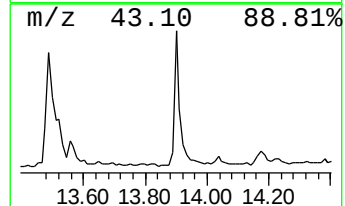
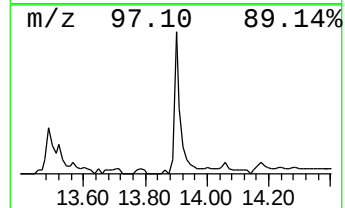
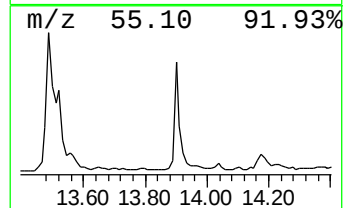
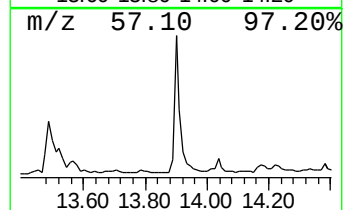
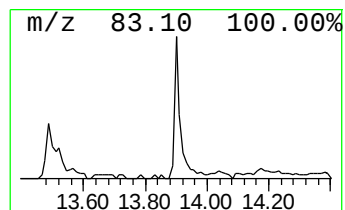
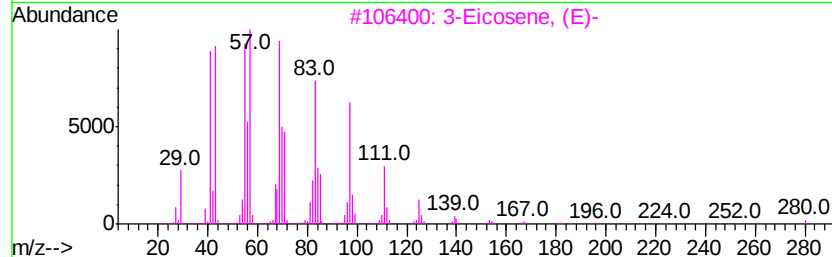
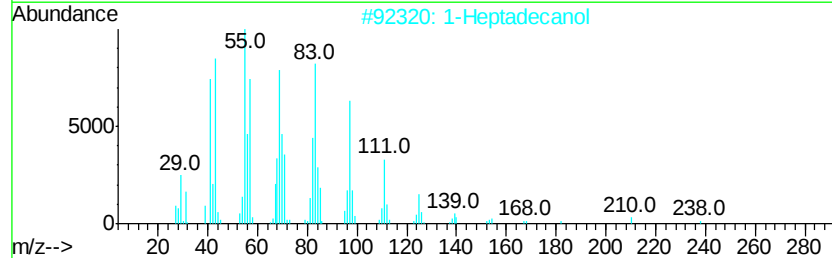
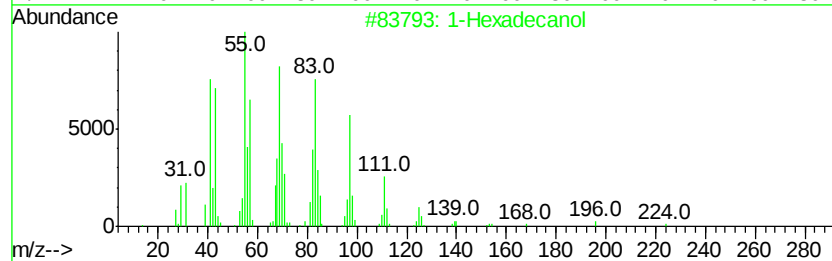
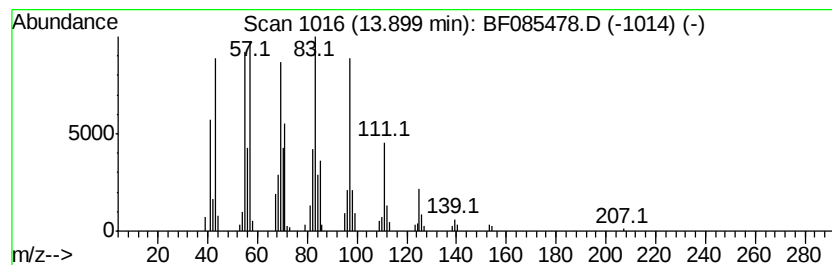
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Hexadecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.77 ng	198392	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	91
2			1-Heptadecanol	256	C17H36O	001454-85-9	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085478.D
 Acq On : 16 Mar 2016 22:58
 Operator : UM/SJ
 Sample : H1790-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.45	2.45	8.3	ng	164183	1	6.90	397892	20.0
unknown2.56	2.56	6.9	ng	137150	1	6.90	397892	20.0
Copper, [2,8,12,1...	2.66	18.6	ng	370353	1	6.90	397892	20.0
unknown2.78	2.78	30.5	ng	606782	1	6.90	397892	20.0
unknown2.97	2.97	48.2	ng	959324	1	6.90	397892	20.0
unknown5.10	5.10	5.4	ng	107012	1	6.90	397892	20.0
unknown6.66	6.66	133.3	ng	2652160	1	6.90	397892	20.0
Decane, 2,3,5-tri...	10.37	4.9	ng	142889	3	9.94	586150	20.0
Pentadecane	10.58	3.4	ng	98304	3	9.94	586150	20.0
Heptadecane	10.85	7.8	ng	230159	4	11.42	586720	20.0
Heneicosane	11.29	3.4	ng	99025	4	11.42	586720	20.0
Tetradecanamide	13.49	17.0	ng	385407	5	14.06	452309	20.0
1-Hexadecanol	13.90	8.8	ng	198392	5	14.06	452309	20.0