

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017197.D
 Acq On : 16 May 2015 4:56
 Operator : TP/IZ
 Sample : G2215-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-36D

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_G\METHODS\8270-BG051315.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	2.794	13	18	28	rVB	114672	183916	8.96%	1.169%
2	2.870	28	31	37	rVB	97015	111906	5.45%	0.711%
3	4.815	357	362	367	rBV	78217	112308	5.47%	0.714%
4	5.297	438	444	453	rBV	739916	1058642	51.58%	6.726%
5	6.907	711	718	726	rBV	847268	1266009	61.68%	8.044%
6	7.247	769	776	784	rBV	793611	1207251	58.82%	7.671%
7	7.700	845	853	862	rBV	181968	291498	14.20%	1.852%
8	8.023	900	908	917	rBV	518271	795074	38.74%	5.052%
9	8.493	982	988	996	rBV2	51388	82993	4.04%	0.527%
10	8.863	1044	1051	1060	rBV	475388	764229	37.23%	4.856%
11	10.496	1323	1329	1337	rBV	256388	418686	20.40%	2.660%
12	12.976	1745	1751	1758	rBV	1081169	1496113	72.89%	9.506%
13	13.816	1888	1894	1899	rBV	76956	100564	4.90%	0.639%
14	14.357	1980	1986	1994	rVB2	405294	617092	30.06%	3.921%
15	15.214	2128	2132	2136	rBV3	20334	26742	1.30%	0.170%
16	15.855	2233	2241	2254	rBV	1135348	1576325	76.80%	10.016%
17	16.072	2272	2278	2283	rBV4	20710	33751	1.64%	0.214%
18	17.106	2447	2454	2459	rBV	572445	785143	38.25%	4.989%
19	18.011	2600	2608	2614	rBV3	74262	113005	5.51%	0.718%
20	18.393	2669	2673	2677	rBV5	16435	27313	1.33%	0.174%
21	18.452	2679	2683	2688	rVB6	17029	31157	1.52%	0.198%
22	18.581	2701	2705	2709	rVB2	78210	91044	4.44%	0.578%
23	18.734	2727	2731	2734	rBV4	51351	64819	3.16%	0.412%
24	18.863	2747	2753	2757	rBV6	13741	23209	1.13%	0.147%
25	18.992	2773	2775	2781	rVB7	12989	21537	1.05%	0.137%
26	19.169	2802	2805	2811	rBV2	23035	30176	1.47%	0.192%
27	19.227	2811	2815	2819	rVV3	44134	50179	2.44%	0.319%
28	19.292	2823	2826	2834	rVB9	21787	34727	1.69%	0.221%
29	19.692	2891	2894	2897	rBV2	28625	33275	1.62%	0.211%
30	19.739	2897	2902	2910	rVB	1785735	2052577	100.00%	13.042%
31	19.950	2934	2938	2945	rVB	307834	364269	17.75%	2.314%
32	21.014	3115	3119	3128	rBV2	70045	124295	6.06%	0.790%
33	21.290	3161	3166	3171	rBV	675879	819629	39.93%	5.208%
34	21.918	3269	3273	3278	rBV8	15785	20925	1.02%	0.133%

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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:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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35	22.477	3364	3368	3373	rVB3	54364	78881	3.84%	0.501%
36	22.864	3429	3434	3439	rBV7	22362	47536	2.32%	0.302%
37	23.558	3544	3552	3561	rVB	412293	781800	38.09%	4.967%

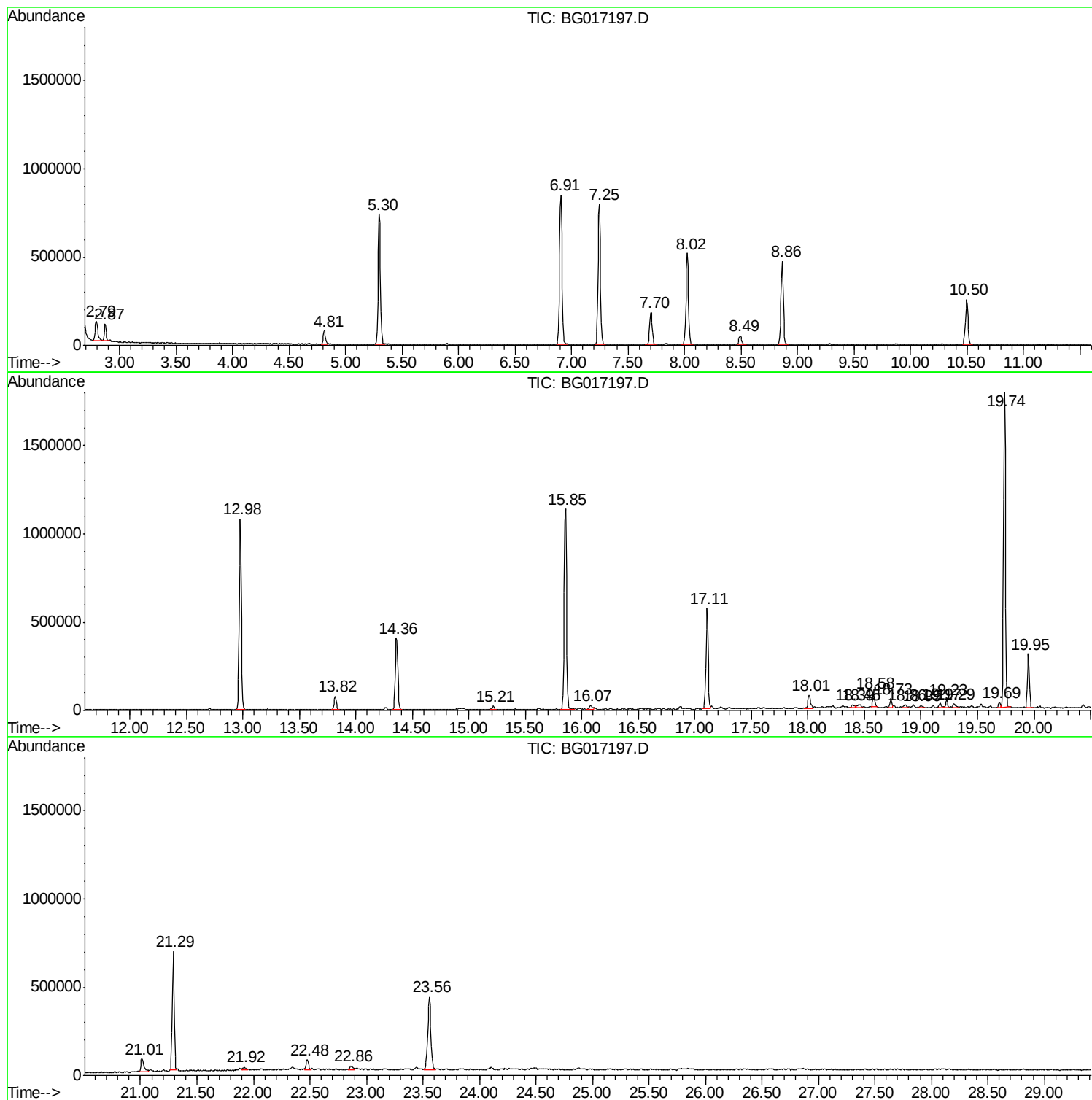
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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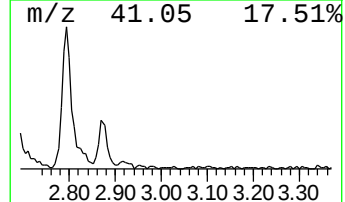
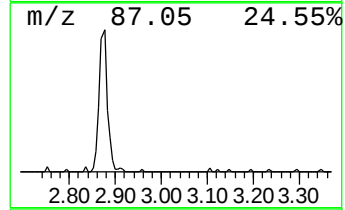
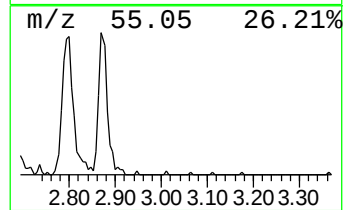
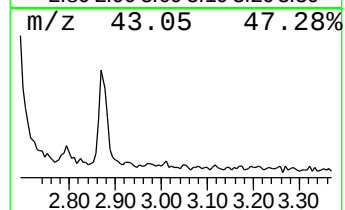
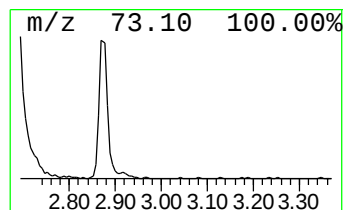
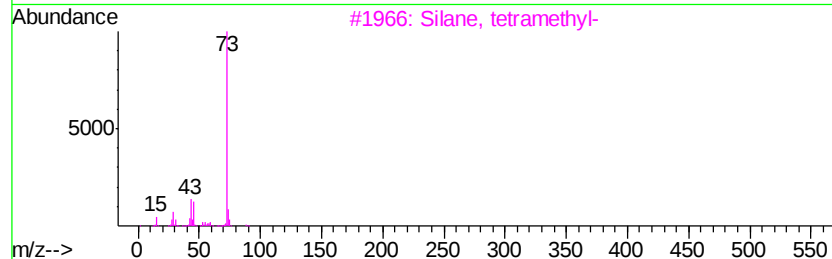
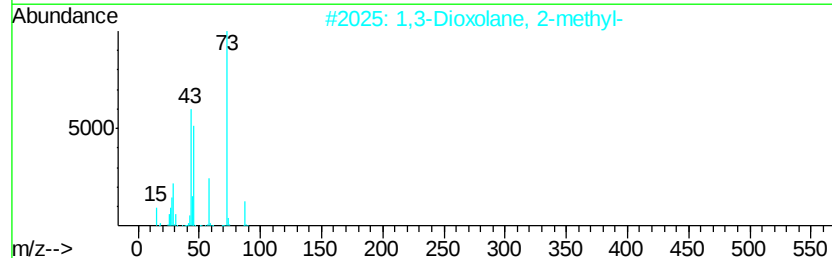
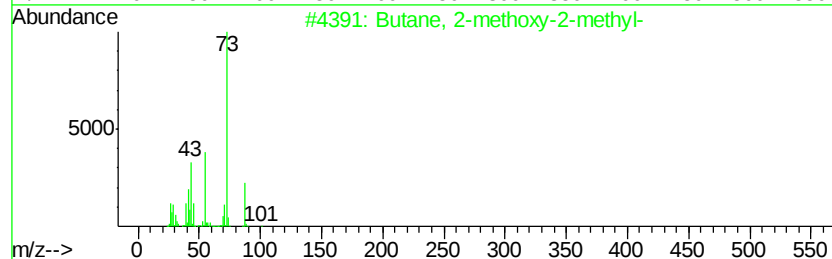
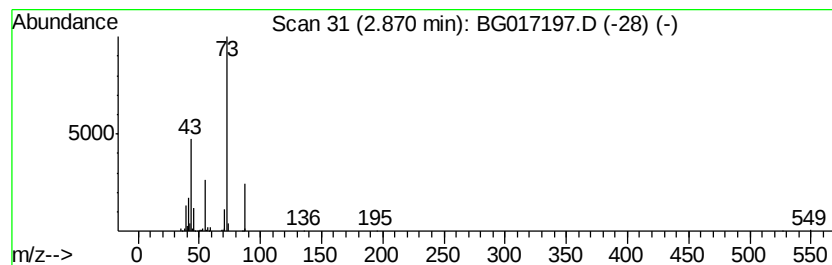
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	7.68 ng	111906	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5		Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9



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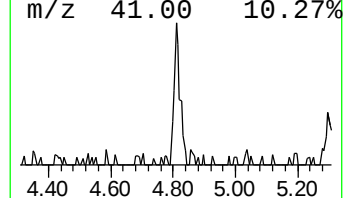
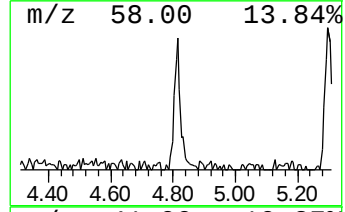
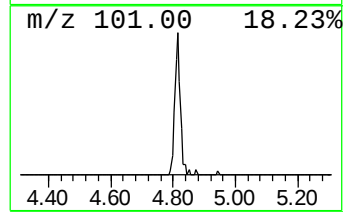
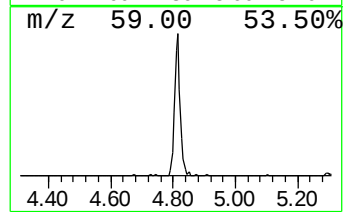
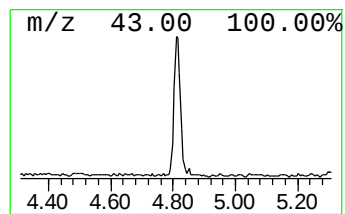
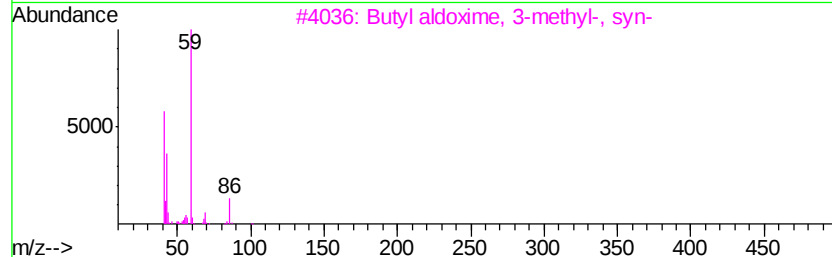
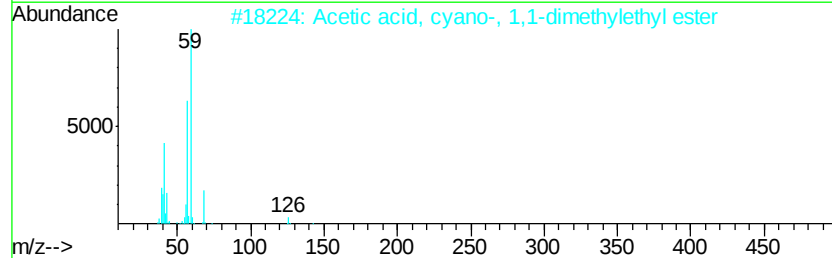
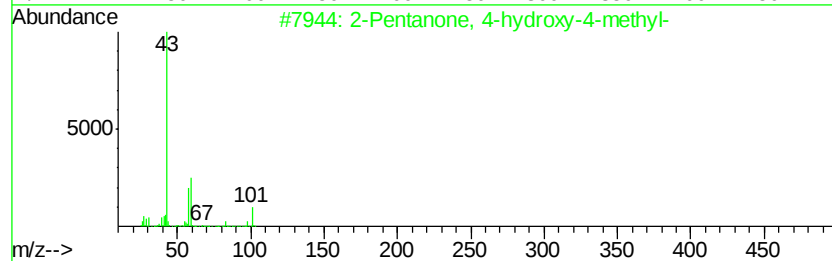
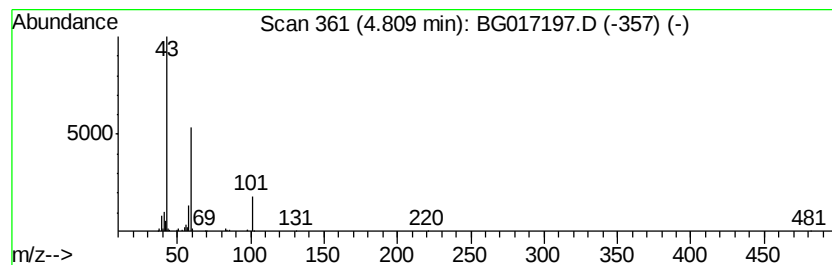
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	7.71 ng	112308	1,4-Dichlorobenzene-d4	7.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17		
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17		
5	Acetone	58	C3H6O	000067-64-1	9		



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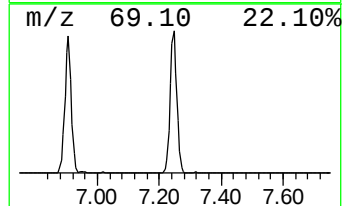
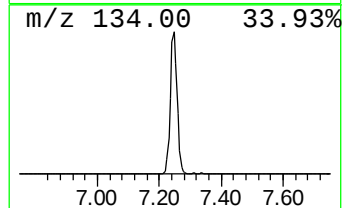
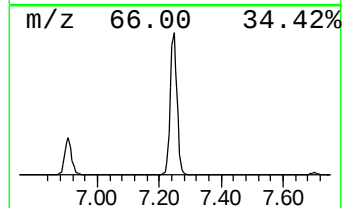
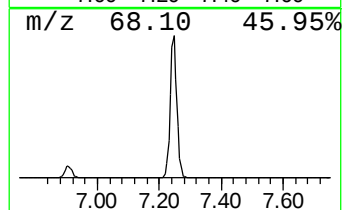
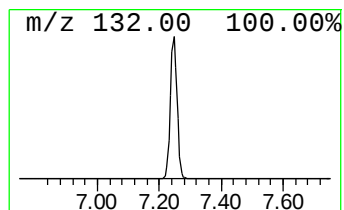
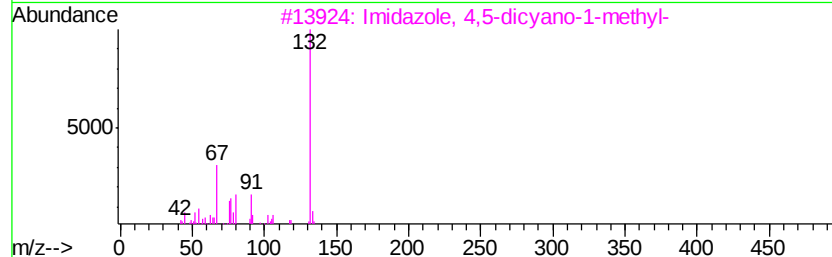
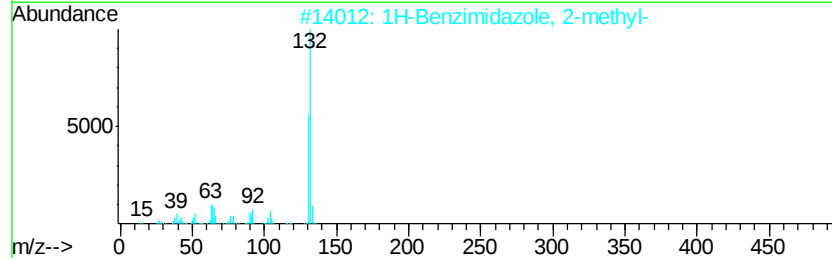
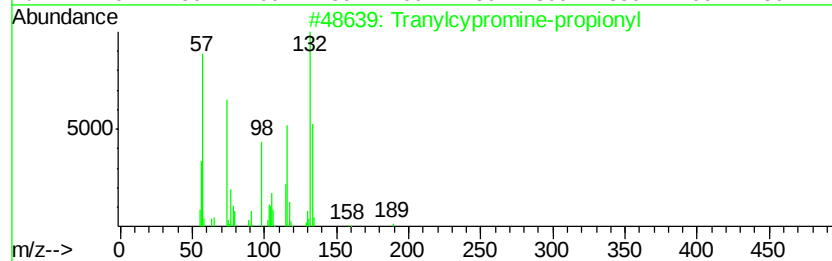
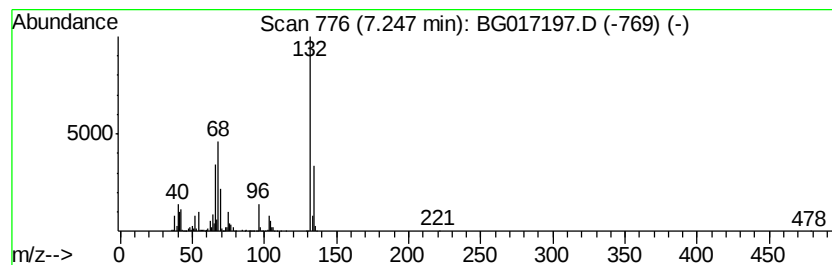
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	82.83 ng	1207250	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypropamine-propionyl	189	C12H15NO	1000123-86-3	22
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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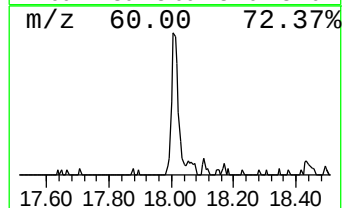
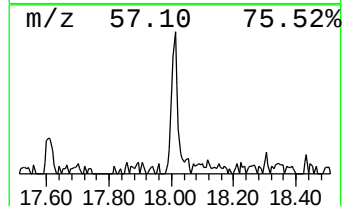
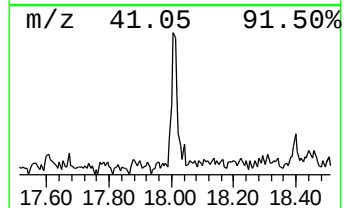
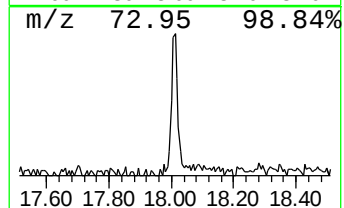
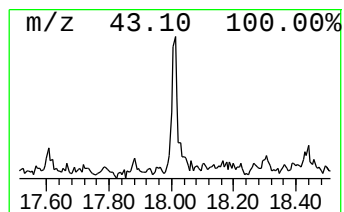
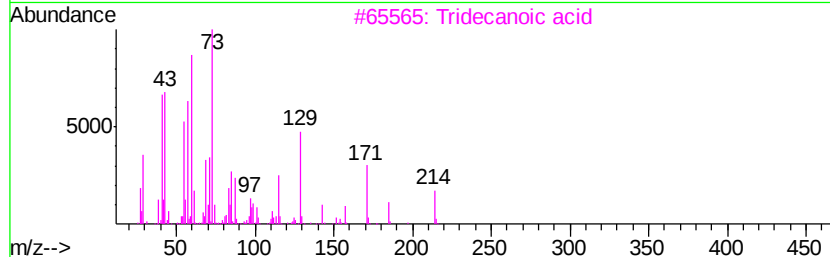
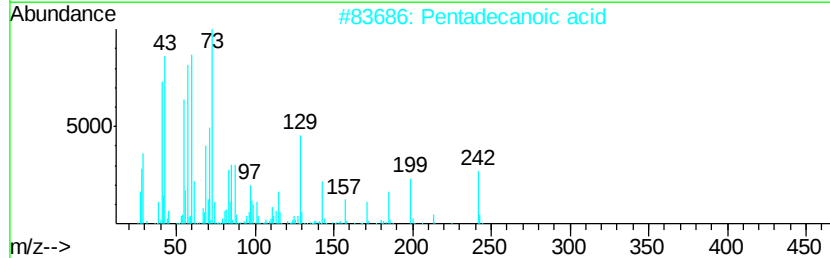
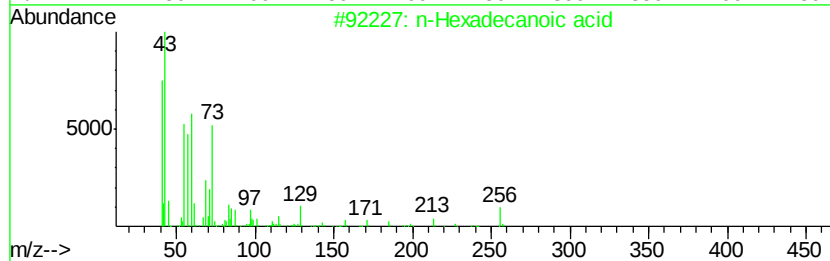
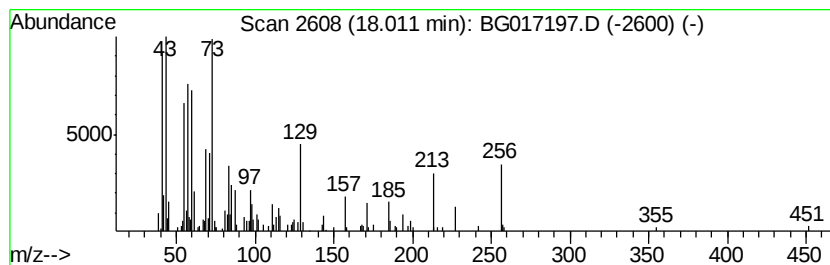
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.88 ng	113005	Phenanthrene-d10	17.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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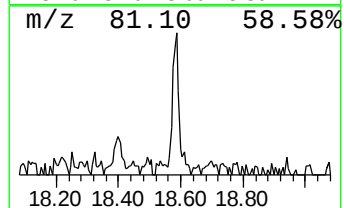
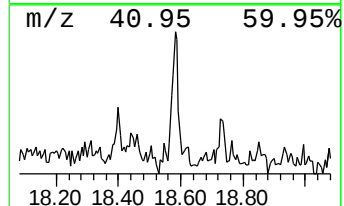
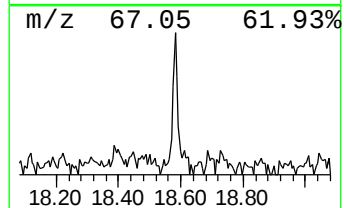
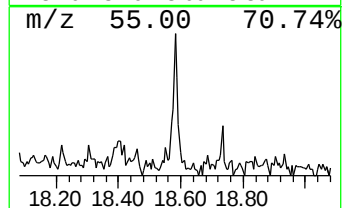
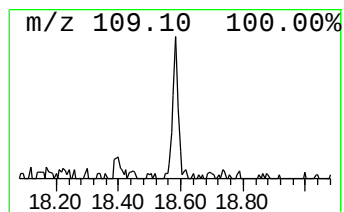
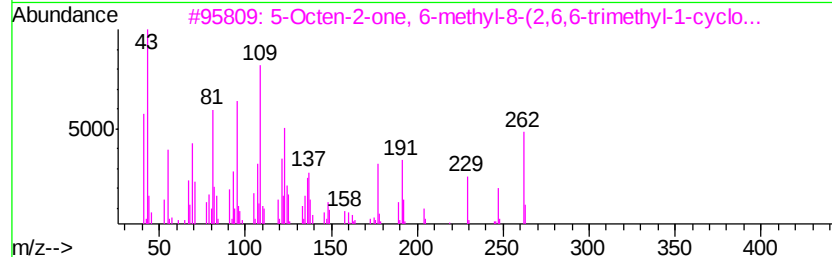
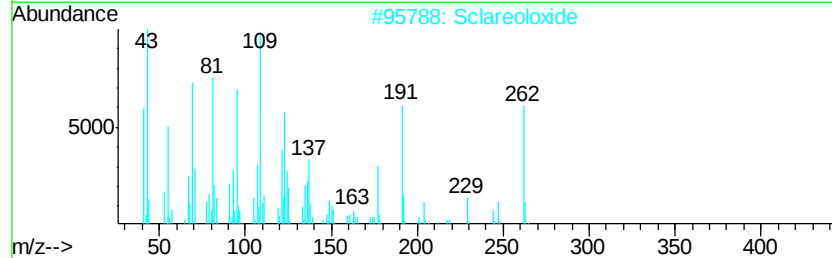
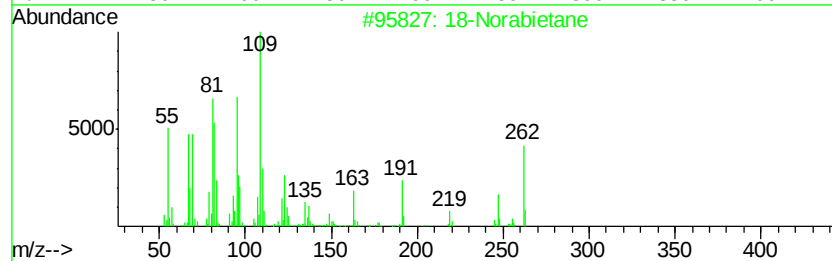
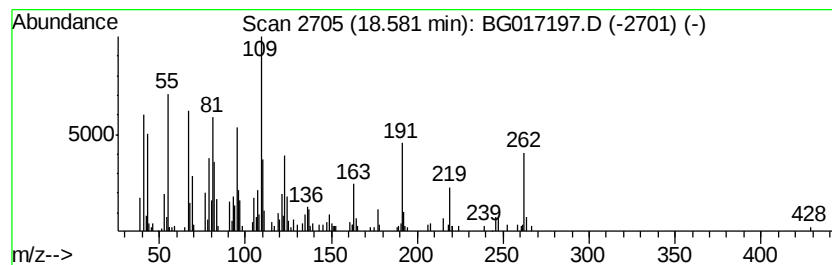
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 18-Norabietane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.32 ng	91044	Phenanthrene-d10	17.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	64
2	Sclareoloxide		262	C18H30O	1000215-78-2	53
3	5-Octen-2-one, 6-methyl-8-(2,6,6...		262	C18H30O	055638-41-0	47
4	3-Eicosyne		278	C20H38	061886-66-6	43
5	Pyrazol-4-amine, 1-(4-fluorobenz...		191	C10H10FN3	1000272-83-9	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017197.D
Acq On : 16 May 2015 4:56
Operator : TP/IZ
Sample : G2215-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

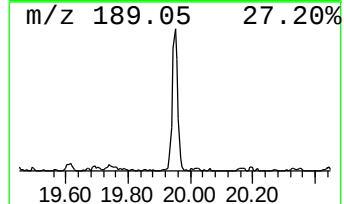
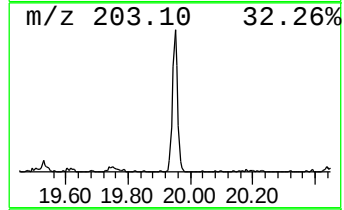
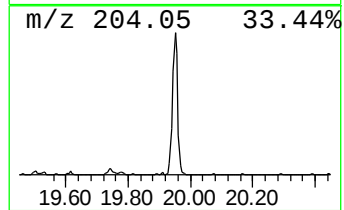
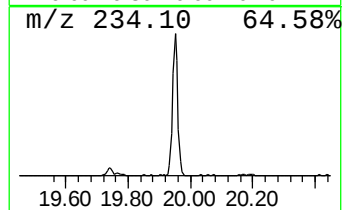
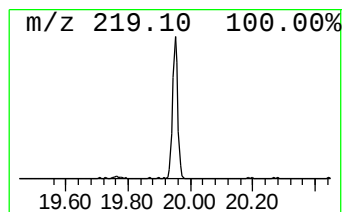
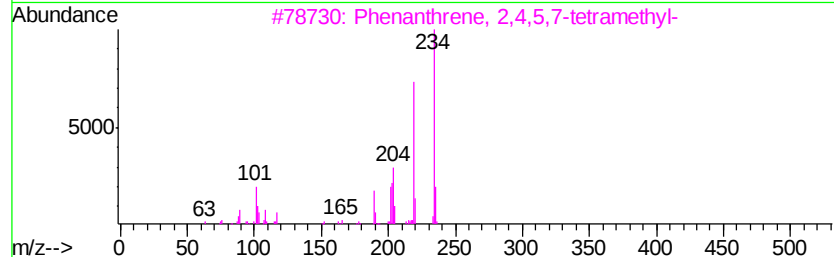
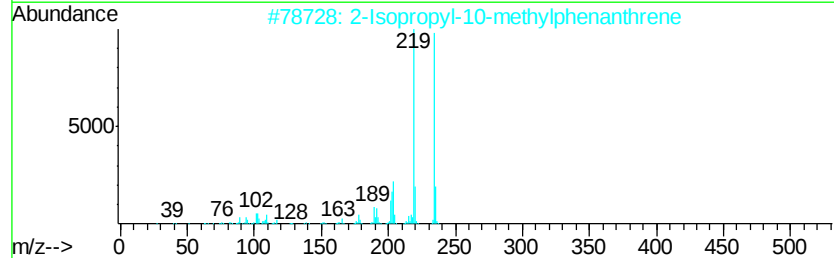
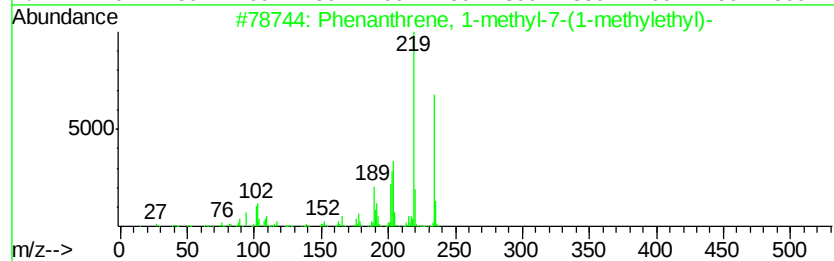
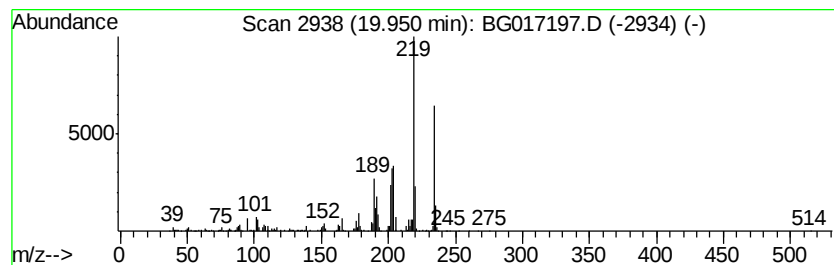
Instrument :
BNA_G
ClientSampleId :
SB-36D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl-7-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.95	8.89 ng	364269	Chrysene-d12	21.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	89
5	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017197.D
Acq On : 16 May 2015 4:56
Operator : TP/IZ
Sample : G2215-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

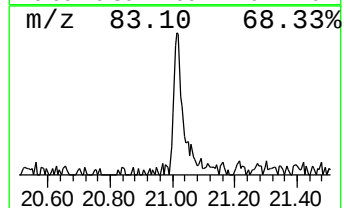
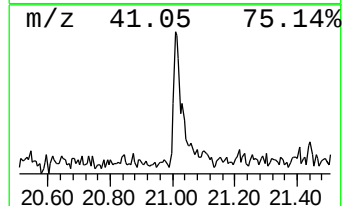
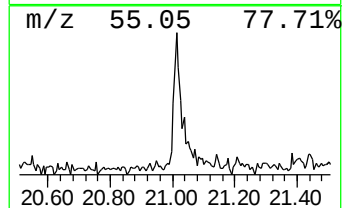
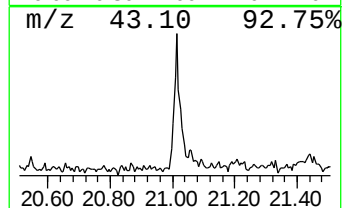
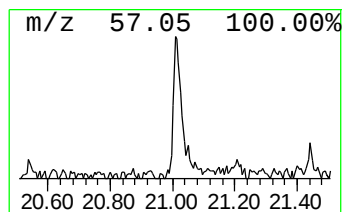
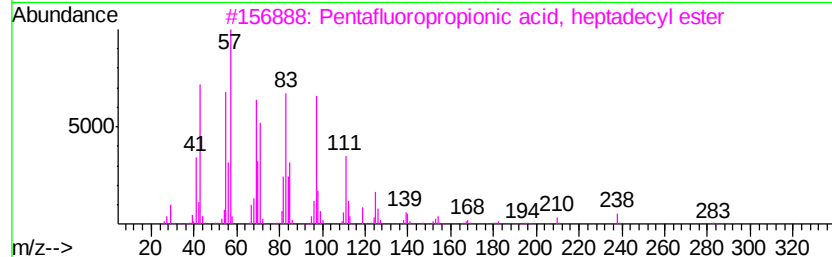
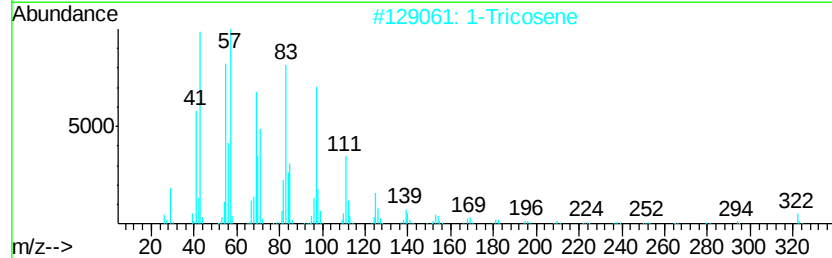
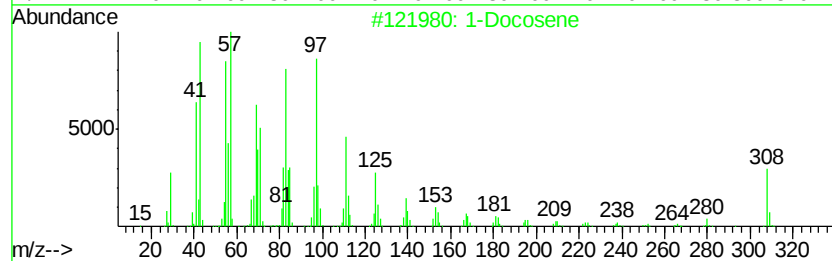
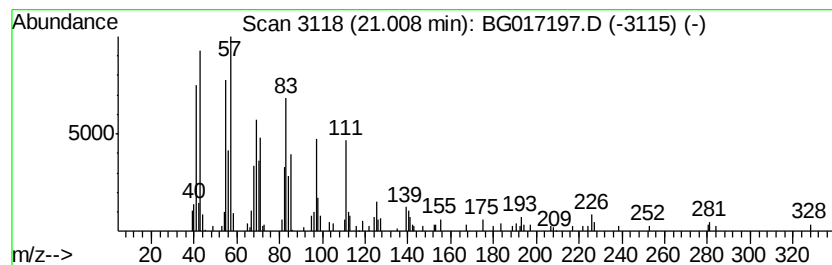
Instrument :
BNA_G
ClientSampleId :
SB-36D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.03 ng	124295	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 93
2	1-Tricosene		322 C23H46	018835-32-0 91
3	Pentafluoropropionic acid, hepta...		402 C20H35F5O2	1000283-04-2 91
4	1-Heneicosyl formate		340 C22H44O2	077899-03-7 90
5	5-Eicosene, (E)-		280 C20H40	074685-30-6 89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017197.D
Acq On : 16 May 2015 4:56
Operator : TP/IZ
Sample : G2215-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-36D

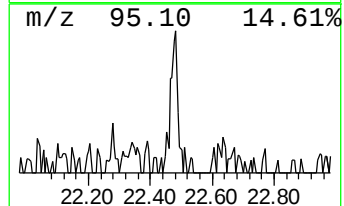
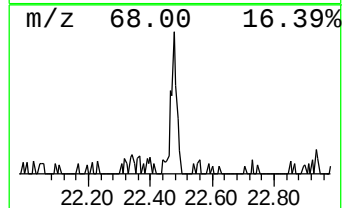
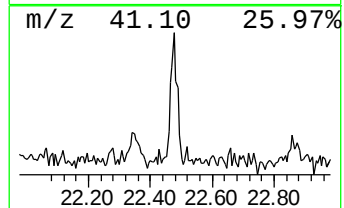
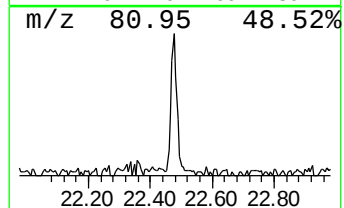
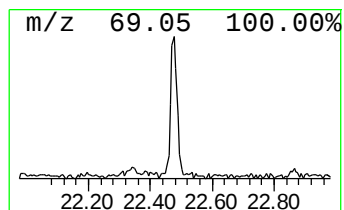
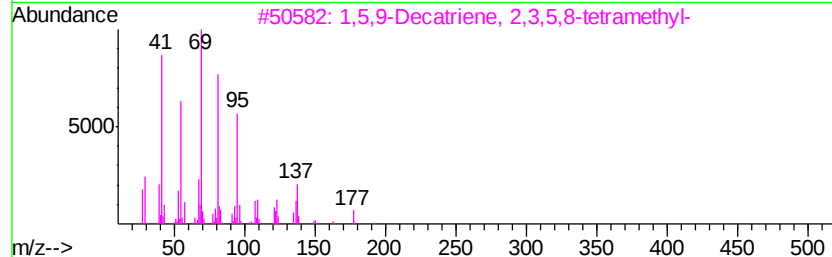
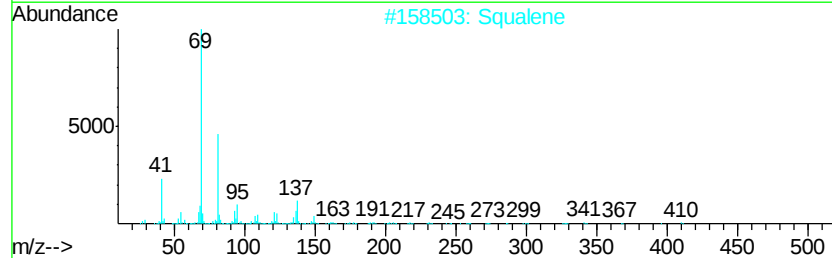
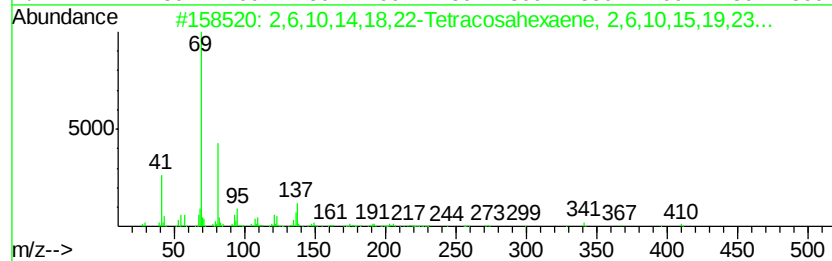
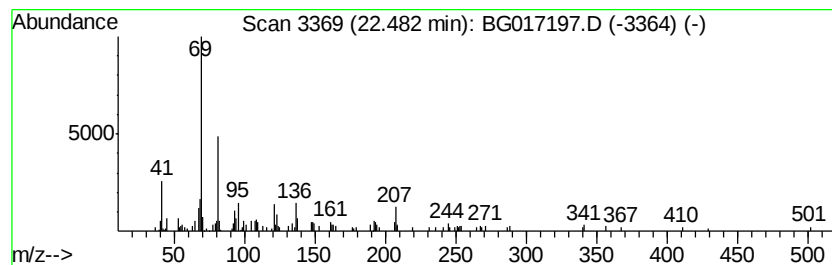
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,6,10,14,18,22-Tetracosae... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.02 ng	78881	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	59		
2	Squalene	410	C30H50	007683-64-9	53		
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	53		
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	53		
5	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	53		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
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Acq On : 16 May 2015 4:56
Operator : TP/IZ
Sample : G2215-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-36D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
Butane, 2-methoxy...	2.87	7.7	ng	111906	1	7.71	291498	20.0
2-Pentanone, 4-hy...	4.81	7.7	ng	112308	1	7.71	291498	20.0
unknown7.25	7.25	82.8	ng	1207250	1	7.71	291498	20.0
n-Hexadecanoic acid	18.01	2.9	ng	113005	4	17.11	785143	20.0
18-Norabietane	18.58	2.3	ng	91044	4	17.11	785143	20.0
Phenanthrene, 1-m...	19.95	8.9	ng	364269	5	21.29	819629	20.0
1-Docosene	21.01	3.0	ng	124295	5	21.29	819629	20.0
2,6,10,14,18,22-T...	22.48	2.0	ng	78881	6	23.56	781800	20.0