

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089675.D
 Acq On : 8 Aug 2016 22:56
 Operator : UM/SJ
 Sample : H4346-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

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-BF080416.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	4.616	262	265	279	rBV	106110	233331	18.75%	2.242%
2	5.302	322	325	355	rBV	504790	889081	71.44%	8.543%
3	6.959	467	470	477	rBV	586673	946169	76.03%	9.092%
4	7.062	477	479	498	rVB	648505	1068893	85.89%	10.271%
5	7.416	508	510	528	rVB	137573	234490	18.84%	2.253%
6	7.656	528	531	546	rVB	533487	775646	62.33%	7.453%
7	8.331	587	590	614	rBV	343158	614050	49.34%	5.900%
8	9.451	685	688	706	rBV	224867	362931	29.16%	3.487%
9	11.222	840	843	846	rBV	807839	1244440	100.00%	11.958%
10	11.919	901	904	914	rBV	216434	282851	22.73%	2.718%
11	12.262	932	934	938	rBV	274021	426243	34.25%	4.096%
12	13.131	1007	1010	1012	rBB	18521	23873	1.92%	0.229%
13	13.485	1036	1041	1045	rBV	5987	13569	1.09%	0.130%
14	13.554	1045	1047	1052	rBV	491369	658617	52.92%	6.329%
15	13.897	1074	1077	1085	rBV	24659	42081	3.38%	0.404%
16	14.628	1139	1141	1142	rBV	13481	17362	1.40%	0.167%
17	14.663	1142	1144	1146	rVV	281965	394723	31.72%	3.793%
18	14.697	1146	1147	1154	rVB	33908	51088	4.11%	0.491%
19	15.668	1229	1232	1237	rVB2	26406	37465	3.01%	0.360%
20	16.468	1300	1302	1309	rBB	38331	48946	3.93%	0.470%
21	16.766	1326	1328	1335	rBB	41611	59111	4.75%	0.568%
22	17.029	1348	1351	1354	rBV	894922	997458	80.15%	9.584%
23	17.874	1423	1425	1427	rVB	11298	14667	1.18%	0.141%
24	18.297	1458	1462	1465	rBV2	40948	81104	6.52%	0.779%
25	18.354	1465	1467	1472	rVV	176274	289814	23.29%	2.785%
26	18.446	1472	1475	1478	rVB	46026	86026	6.91%	0.827%
27	18.697	1494	1497	1500	rBV	20317	29564	2.38%	0.284%
28	19.086	1528	1531	1534	rBV	24979	29061	2.34%	0.279%
29	19.452	1561	1563	1566	rVB	20290	24234	1.95%	0.233%
30	19.623	1576	1578	1585	rVB	11586	26071	2.09%	0.251%
31	19.806	1592	1594	1597	rBV	20638	25705	2.07%	0.247%
32	19.977	1607	1609	1611	rVV	9316	13490	1.08%	0.130%
33	20.023	1611	1613	1619	rVV	195076	258439	20.77%	2.483%
34	20.149	1622	1624	1627	rVV	18358	20126	1.62%	0.193%

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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

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35	20.492	1651	1654	1656	rBV	16043	21461	1.72%	0.206%
36	20.869	1684	1687	1696	rBV3	12671	29625	2.38%	0.285%
37	21.315	1723	1726	1730	rBV2	9114	19116	1.54%	0.184%
38	21.818	1767	1770	1777	rVB4	6403	16127	1.30%	0.155%

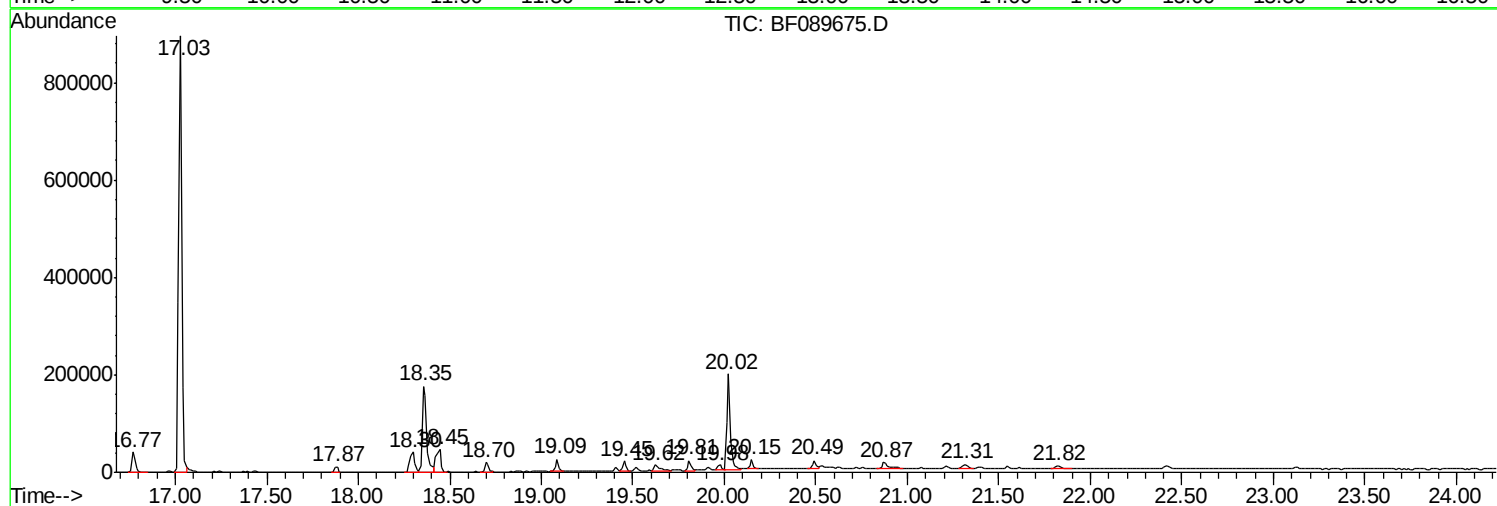
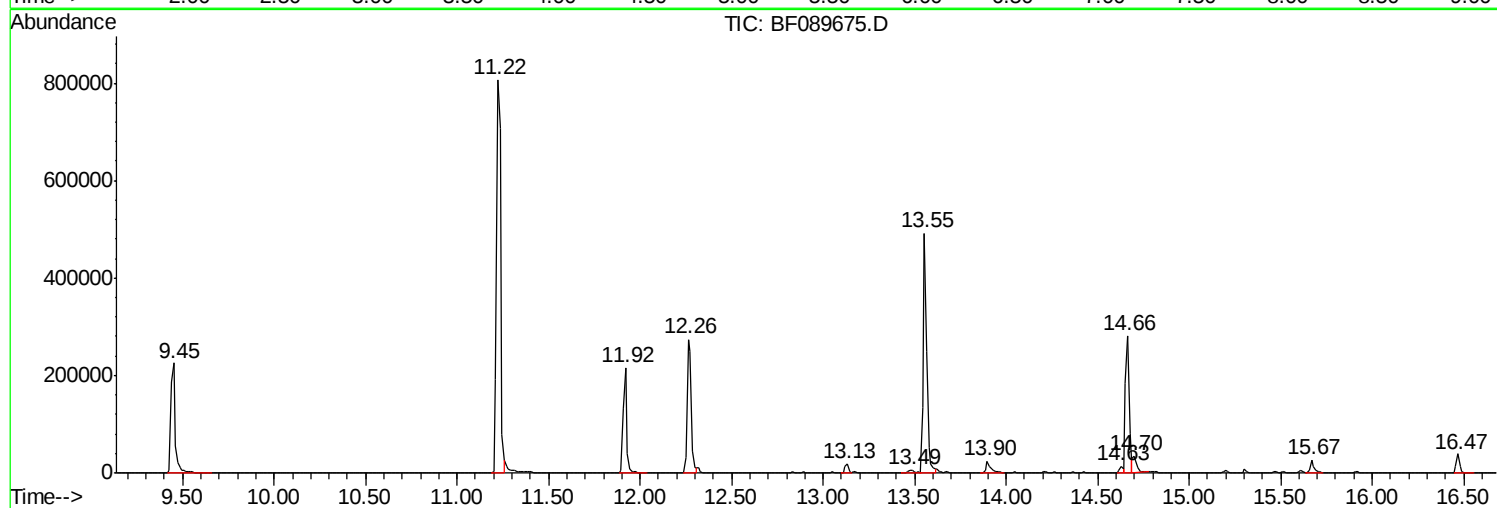
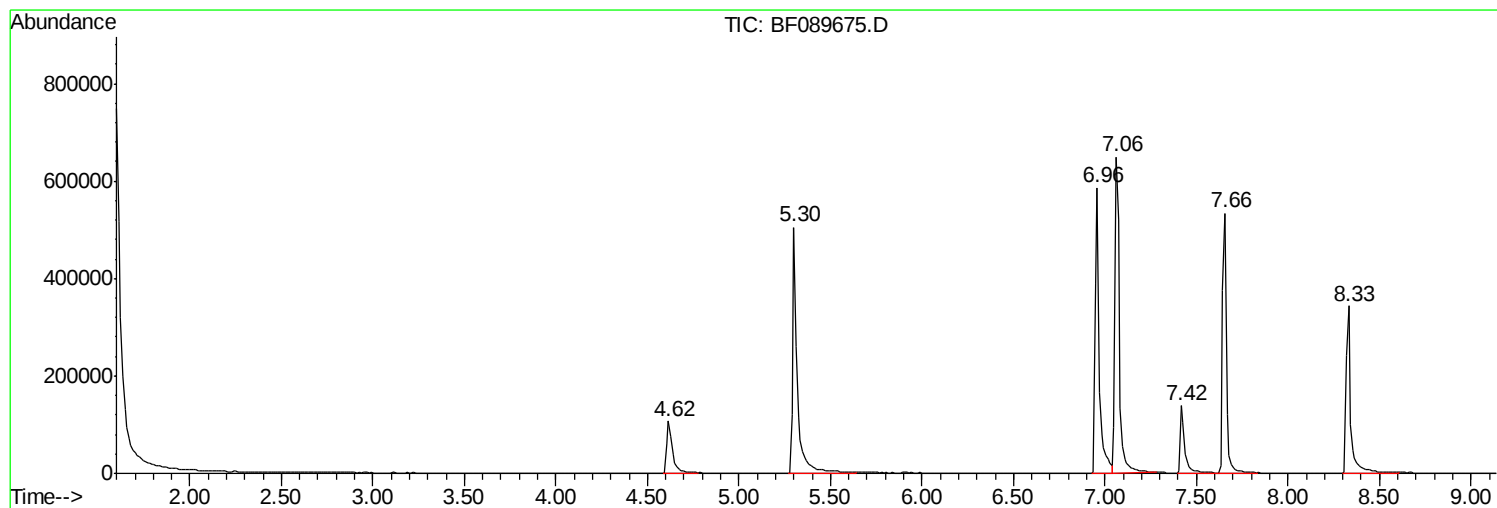
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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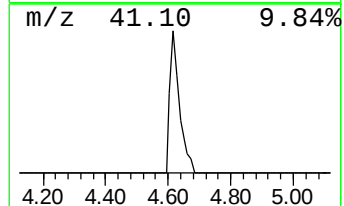
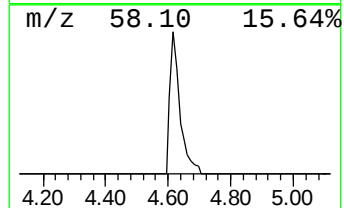
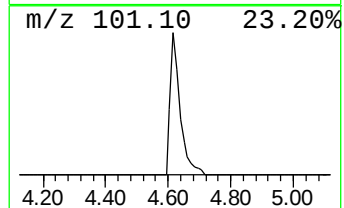
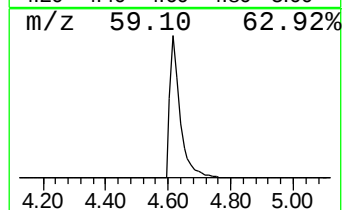
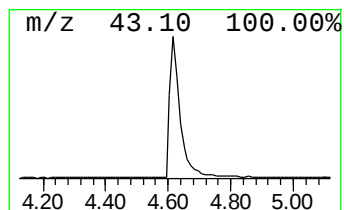
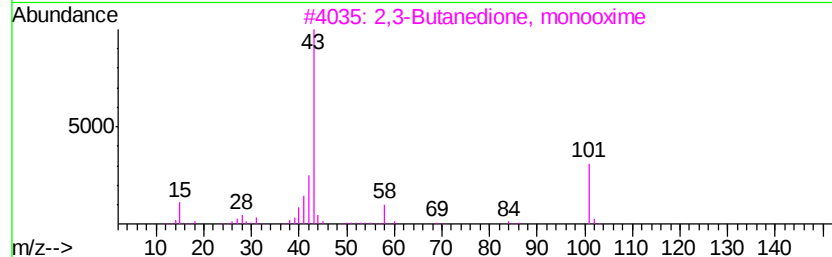
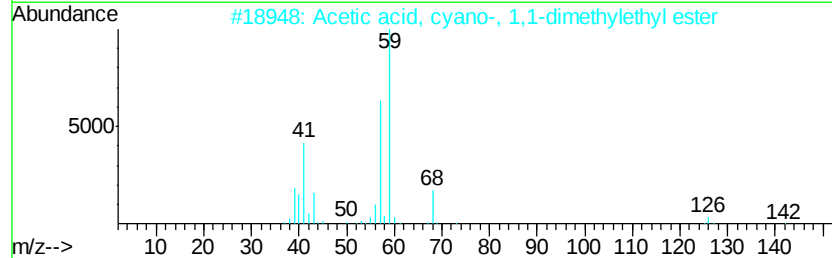
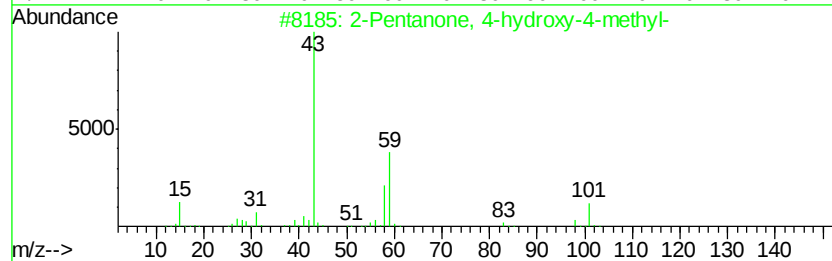
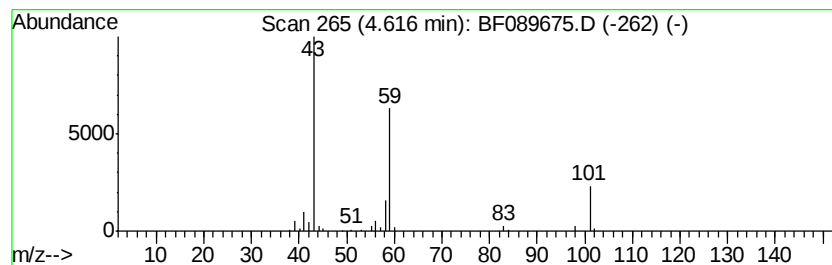
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	19.90 ng	233331	1,4-Dichlorobenzene-d4	7.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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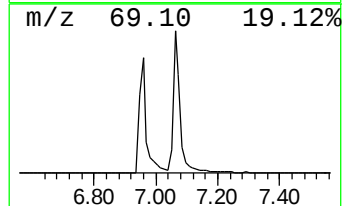
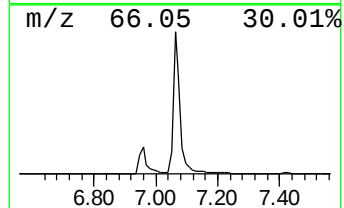
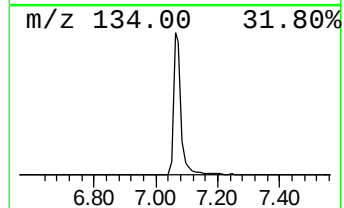
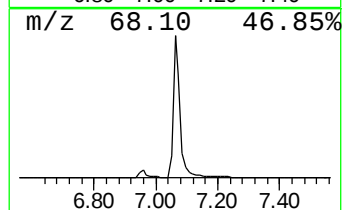
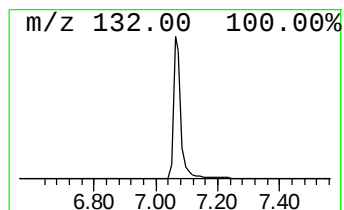
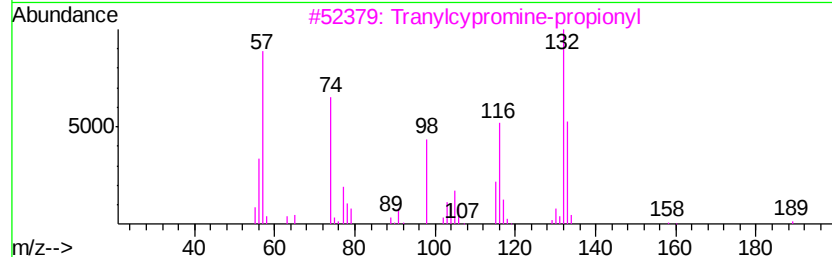
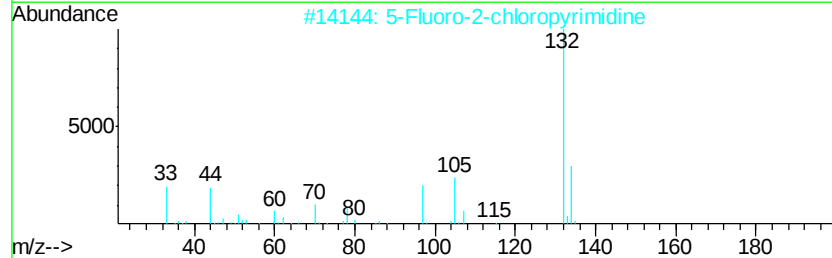
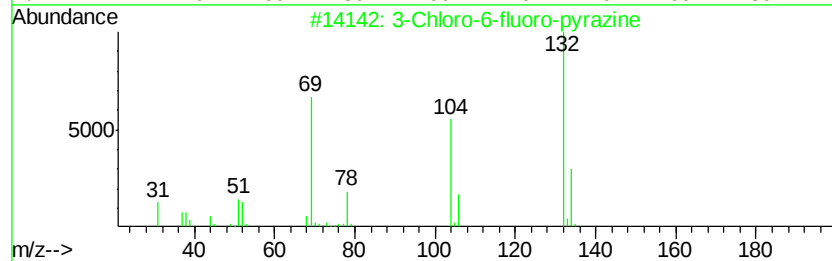
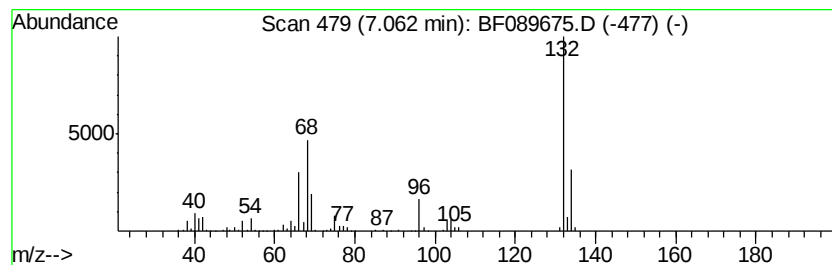
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Peak Number 2 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	91.17 ng	1068890	1,4-Dichlorobenzene-d4	7.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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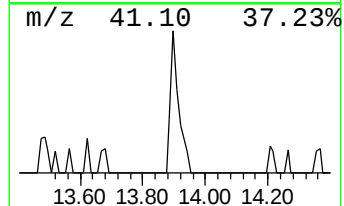
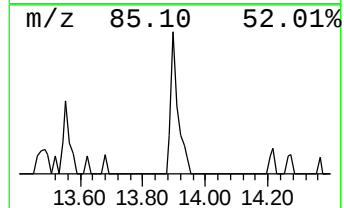
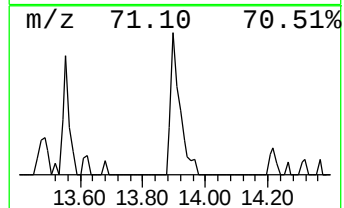
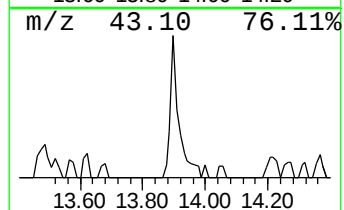
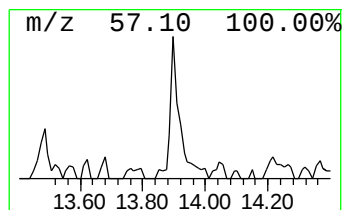
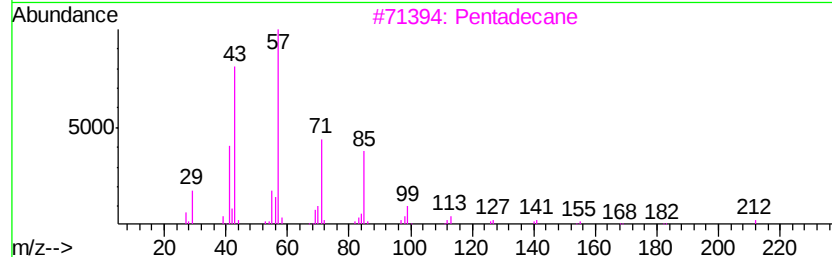
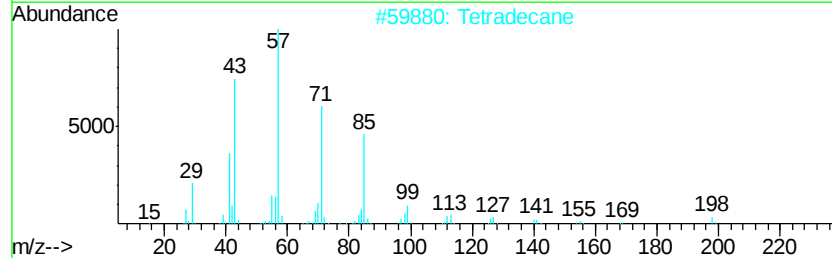
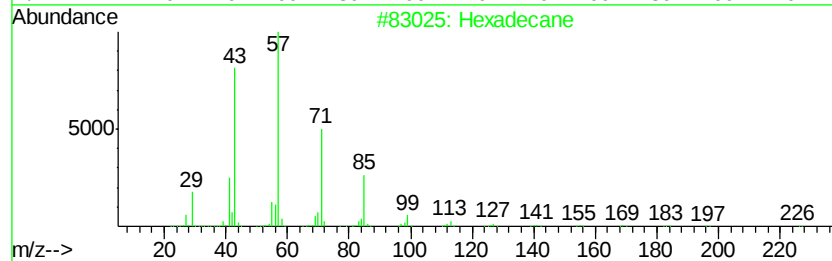
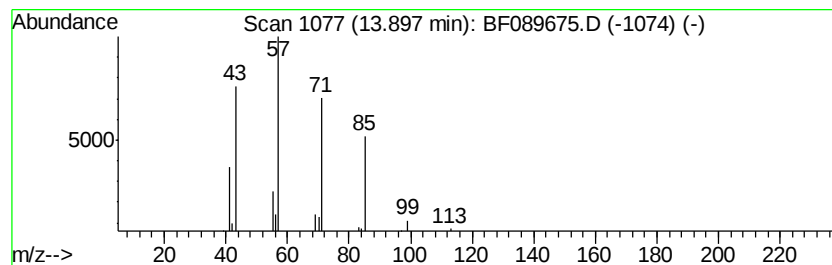
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.13 ng	42081	Phenanthrene-d10	14.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Tetradecane		198	C14H30	000629-59-4	78
3	Pentadecane		212	C15H32	000629-62-9	78
4	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	72
5	Tridecane		184	C13H28	000629-50-5	64



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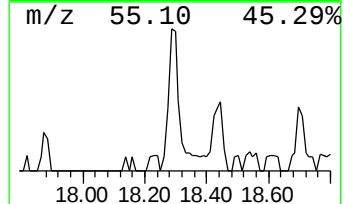
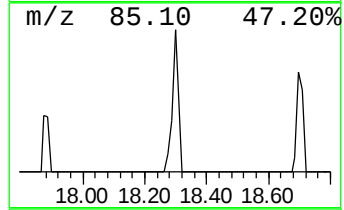
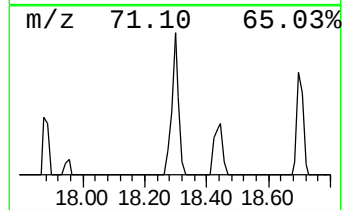
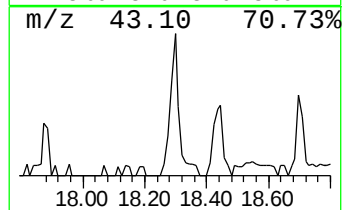
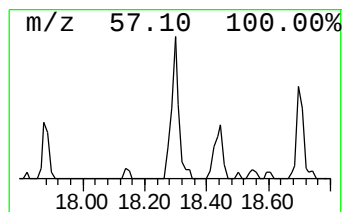
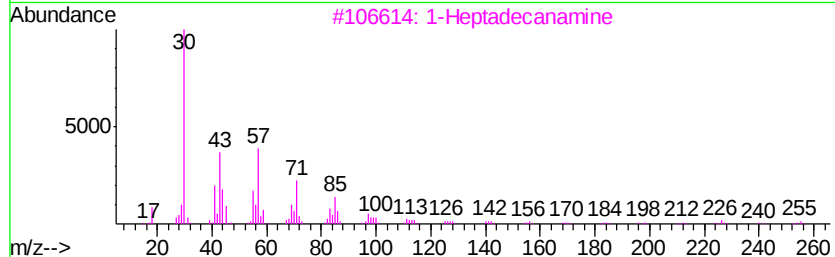
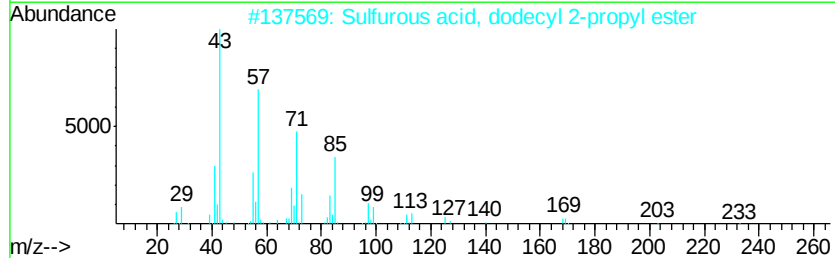
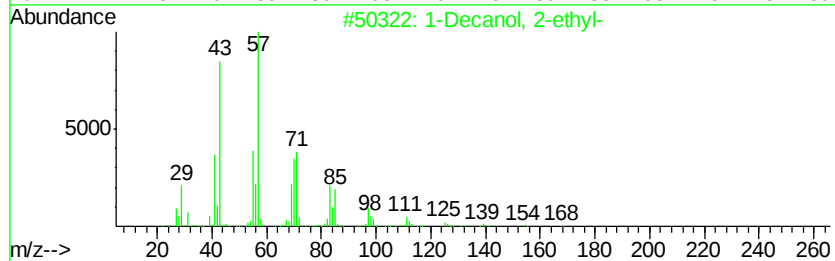
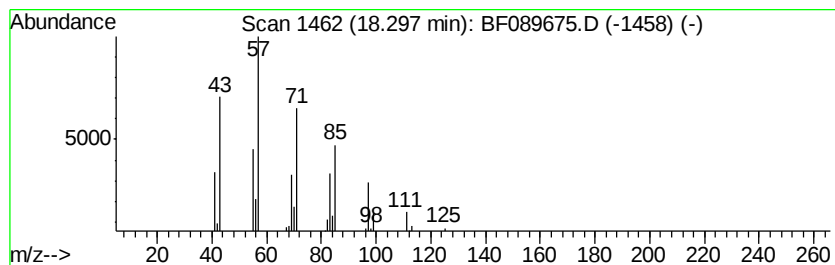
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 1-Decanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.60 ng	81104	Chrysene-d12	18.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-ethyl-	186 C12H26O	021078-65-9	78
2	Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3	72
3	1-Heptadecanamine	255 C17H37N	004200-95-7	59
4	Decane	142 C10H22	000124-18-5	53
5	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	53



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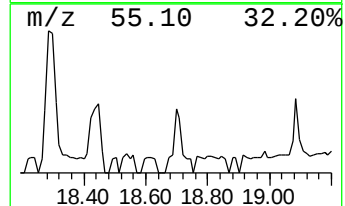
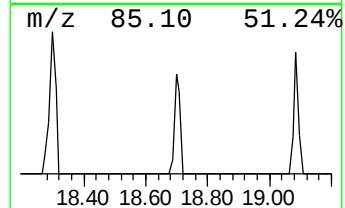
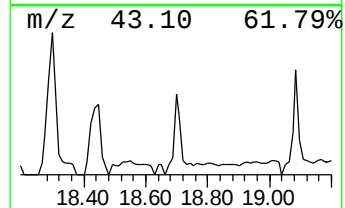
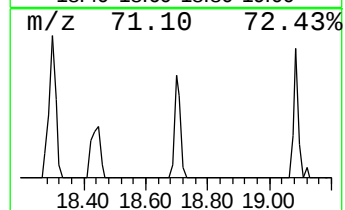
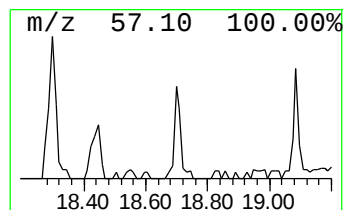
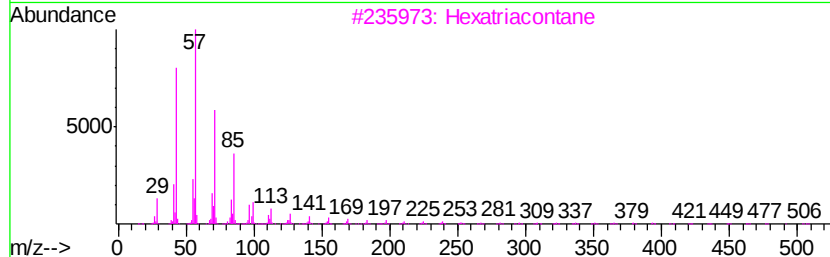
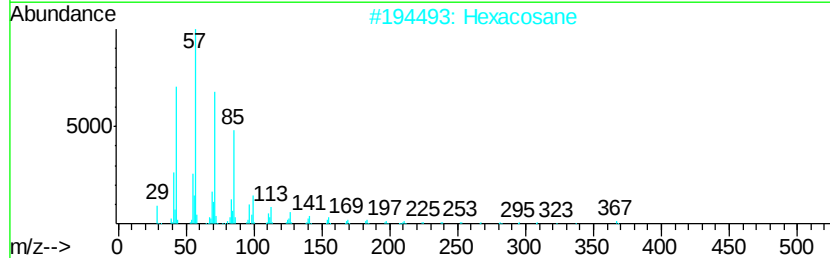
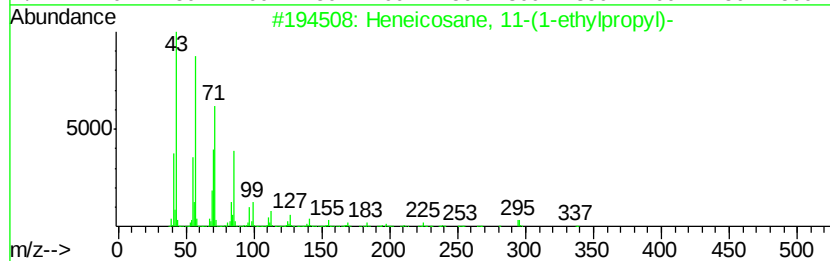
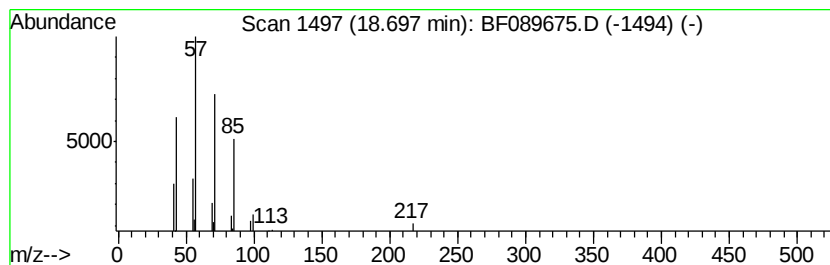
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane, 11-(1-ethylpro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.04 ng	29564	Chrysene-d12	18.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
2		Hexacosane	366	C26H54	000630-01-3	86
3		Hexatriacontane	507	C36H74	000630-06-8	86
4		Tetratetracontane	619	C44H90	007098-22-8	86
5		Hentriacontane	437	C31H64	000630-04-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089675.D
Acq On : 8 Aug 2016 22:56
Operator : UM/SJ
Sample : H4346-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

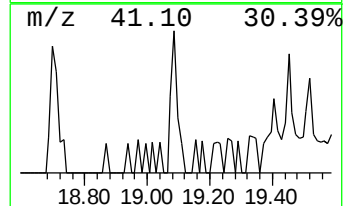
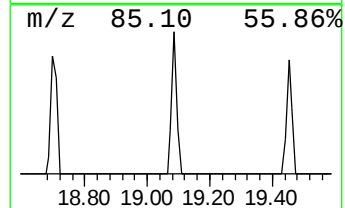
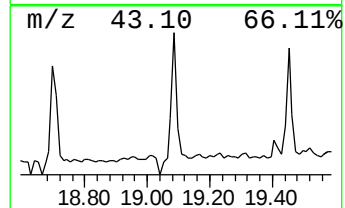
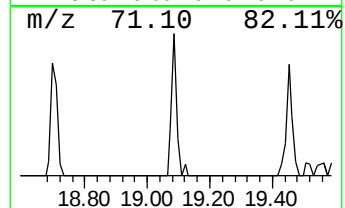
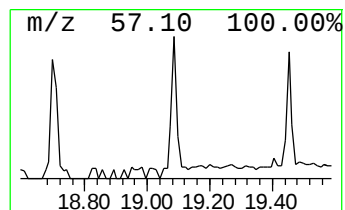
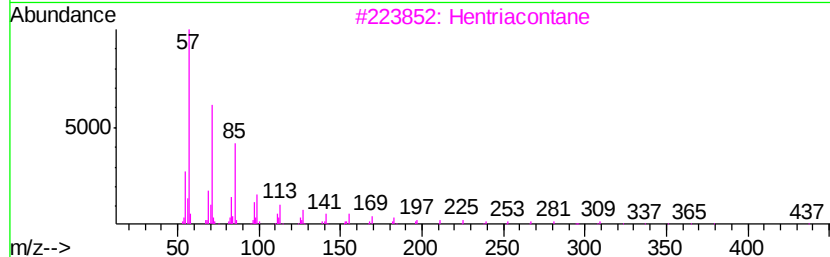
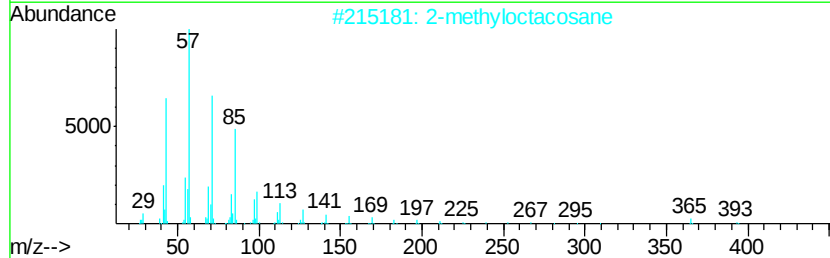
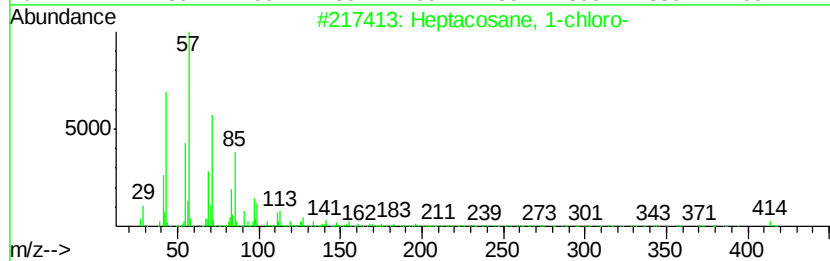
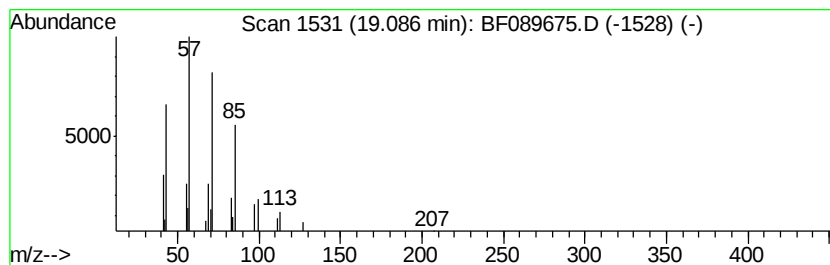
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.01 ng	29061	Chrysene-d12	18.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
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Acq On : 8 Aug 2016 22:56
Operator : UM/SJ
Sample : H4346-02
Misc :
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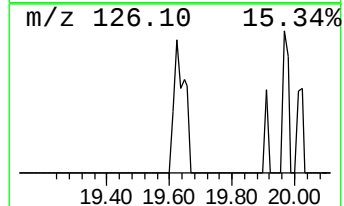
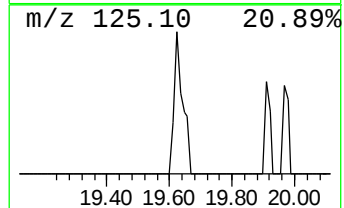
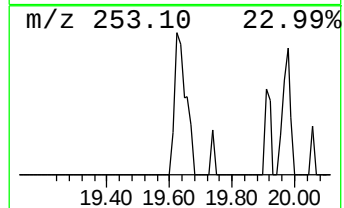
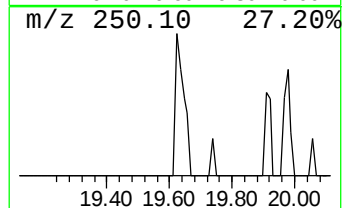
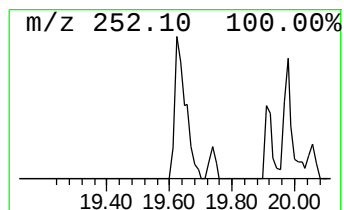
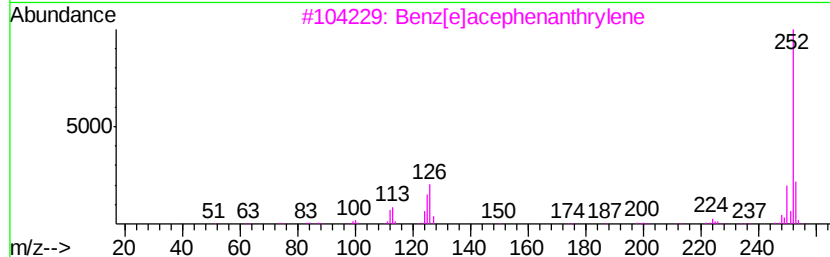
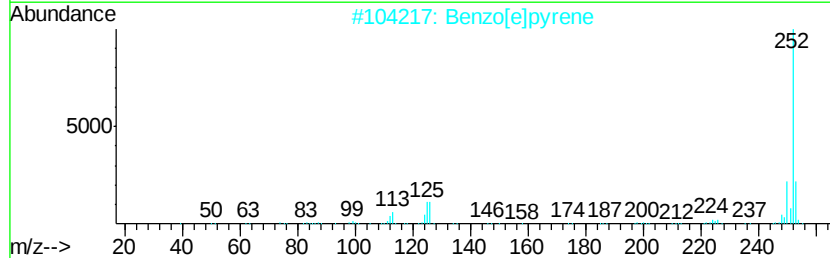
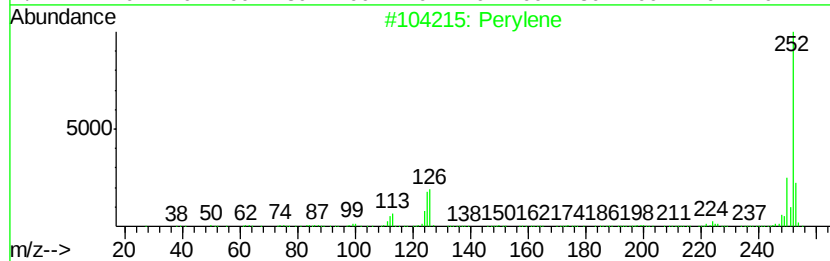
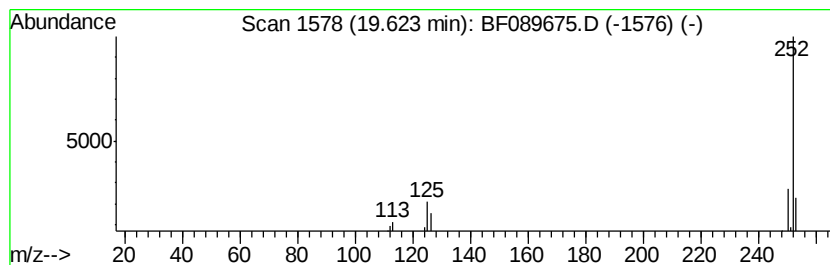
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.02 ng	26071	Perylene-d12	20.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Perylene	252 C20H12	000198-55-0 83
2		Benzo[e]pyrene	252 C20H12	000192-97-2 83
3		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 74
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 64
5		Benzo[a]pyrene	252 C20H12	000050-32-8 64



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Acq On : 8 Aug 2016 22:56
Operator : UM/SJ
Sample : H4346-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

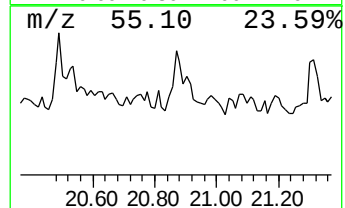
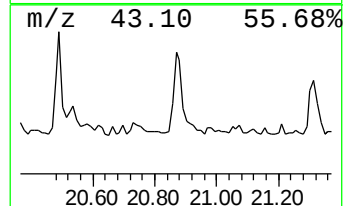
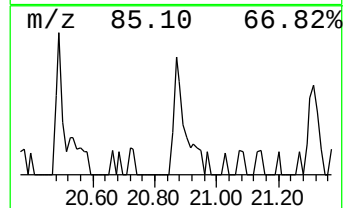
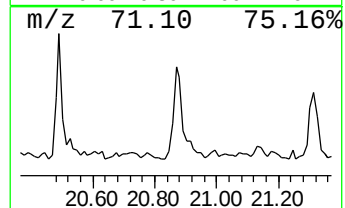
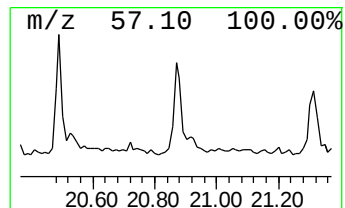
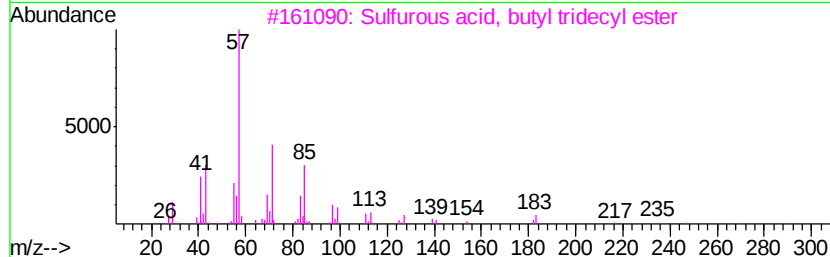
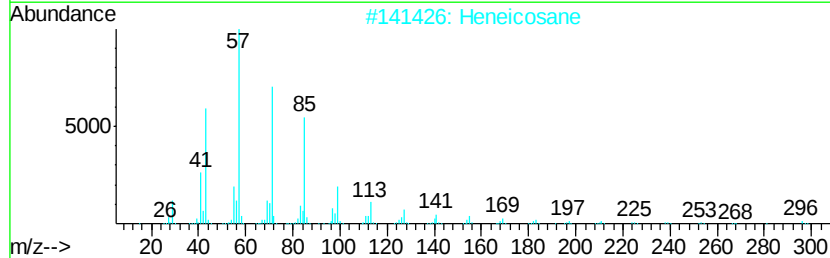
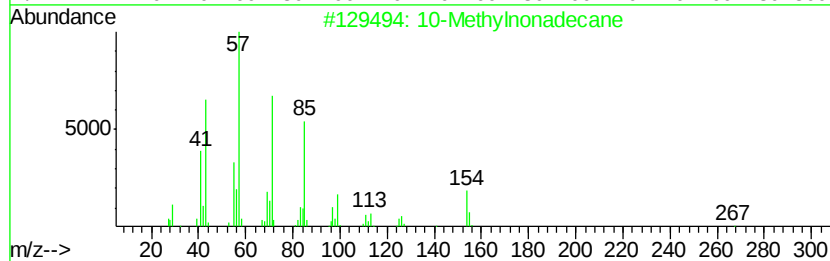
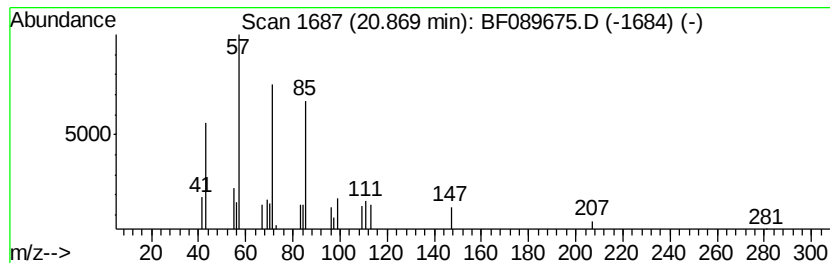
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 10-Methylnonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.29 ng	29625	Perylene-d12	20.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	72
2		Heneicosane	296	C21H44	000629-94-7	64
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64



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Sample : H4346-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.06	7.06	91.2	ng	1068890	1	7.42	234490	20.0
Hexadecane	13.90	2.1	ng	42081	4	14.66	394723	20.0
1-Decanol, 2-ethyl-	18.30	5.6	ng	81104	5	18.37	289814	20.0
Heneicosane, 11-(...	18.70	2.0	ng	29564	5	18.37	289814	20.0
Heptacosane, 1-ch...	19.09	2.0	ng	29061	5	18.37	289814	20.0
Perylene	19.62	2.0	ng	26071	6	20.02	258439	20.0
10-Methylnonadecane	20.87	2.3	ng	29625	6	20.02	258439	20.0