

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
 Data File : BF098890.D
 Acq On : 28 Sep 2017 4:05
 Operator : SJ/JU
 Sample : I5396-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-E

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-BF092317.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	2.204	16	20	29	rVB	88737	122489	3.61%	0.418%
2	4.022	324	329	334	rBV	83323	102246	3.01%	0.349%
3	5.145	516	520	532	rVB	504593	656994	19.35%	2.243%
4	5.540	581	587	590	rBV	3065999	3202538	94.34%	10.932%
5	6.540	752	757	765	rBV	2906412	3394503	100.00%	11.588%
6	6.687	777	782	785	rBV	3484003	3247958	95.68%	11.088%
7	6.916	817	821	824	rVB	1009444	778838	22.94%	2.659%
8	7.069	843	847	851	rBV	2291417	2174587	64.06%	7.423%
9	7.304	884	887	890	rBV	45142	36628	1.08%	0.125%
10	7.475	911	916	919	rBV	1929008	1912982	56.36%	6.530%
11	7.545	925	928	931	rBV	43005	43282	1.28%	0.148%
12	8.198	1035	1039	1042	rBV	1235146	1021682	30.10%	3.488%
13	9.210	1209	1211	1214	rVB	52890	36949	1.09%	0.126%
14	9.269	1217	1221	1224	rBV	3039708	2681500	79.00%	9.154%
15	9.663	1284	1288	1291	rBV	642814	564185	16.62%	1.926%
16	9.875	1317	1324	1327	rBV2	36134	52314	1.54%	0.179%
17	9.951	1333	1337	1341	rVB	1139692	1028320	30.29%	3.510%
18	10.375	1402	1409	1411	rBV	62529	64624	1.90%	0.221%
19	10.463	1421	1424	1427	rBV	146504	110092	3.24%	0.376%
20	10.592	1440	1446	1449	rBV	57870	65420	1.93%	0.223%
21	10.739	1467	1471	1475	rBV	1701001	1590201	46.85%	5.428%
22	10.857	1486	1491	1495	rBV2	104648	155397	4.58%	0.530%
23	10.945	1503	1506	1509	rBV2	35571	34326	1.01%	0.117%
24	11.322	1567	1570	1578	rVB2	58058	63014	1.86%	0.215%
25	11.439	1586	1590	1593	rBV	1145248	947777	27.92%	3.235%
26	11.951	1673	1677	1682	rBV3	40234	54551	1.61%	0.186%
27	12.651	1793	1796	1799	rVB	81516	64673	1.91%	0.221%
28	12.833	1824	1827	1830	rBV	76604	58889	1.73%	0.201%
29	12.880	1830	1835	1838	rBV	68580	74609	2.20%	0.255%
30	13.021	1855	1859	1863	rVB	2249044	2228092	65.64%	7.606%
31	13.539	1944	1947	1950	rBV	50277	35710	1.05%	0.122%
32	13.904	2006	2009	2018	rVB	264576	265424	7.82%	0.906%
33	14.045	2030	2033	2035	rBV	125395	117632	3.47%	0.402%
34	14.080	2035	2039	2042	rVB	908125	812134	23.92%	2.772%

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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_F\METHODS\8270-BF092317.M
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35	14.539	2114	2117	2122	rVB3	39576	56968	1.68%	0.194%
36	15.192	2225	2228	2232	rBV	57866	65229	1.92%	0.223%
37	15.574	2287	2293	2302	rBV2	491796	718453	21.17%	2.453%
38	16.033	2366	2371	2376	rBV	105269	148234	4.37%	0.506%
39	16.551	2454	2459	2467	rVB2	106501	194593	5.73%	0.664%
40	17.168	2558	2564	2573	rVB2	78980	171804	5.06%	0.586%
41	17.886	2681	2686	2697	rVB4	53434	137964	4.06%	0.471%

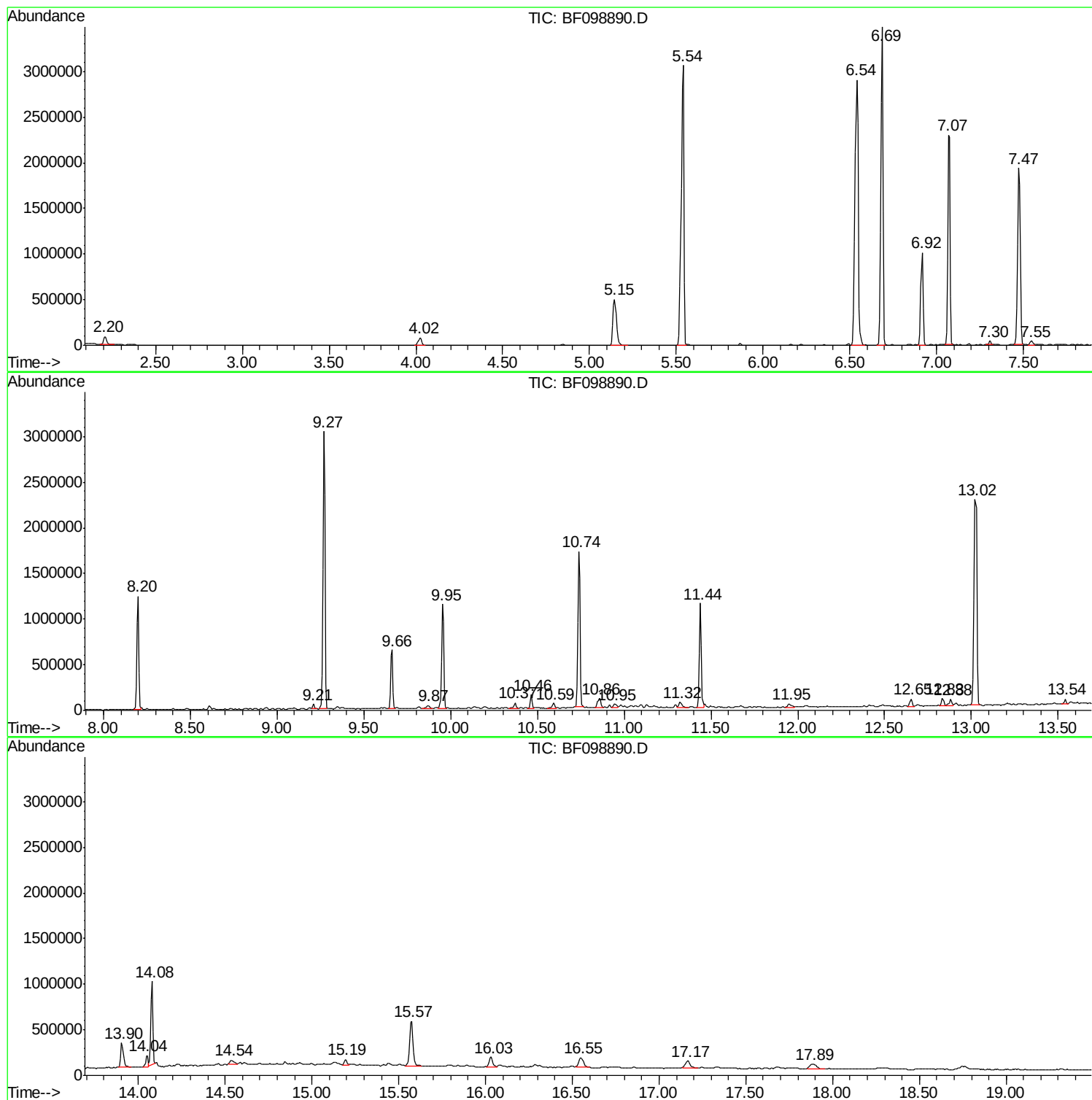
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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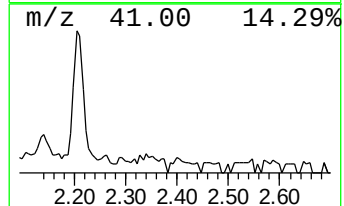
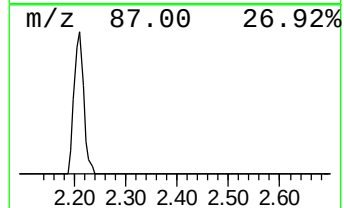
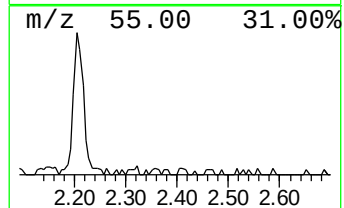
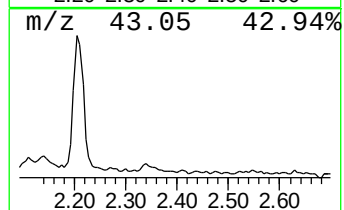
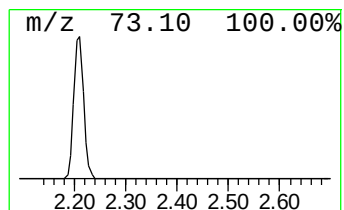
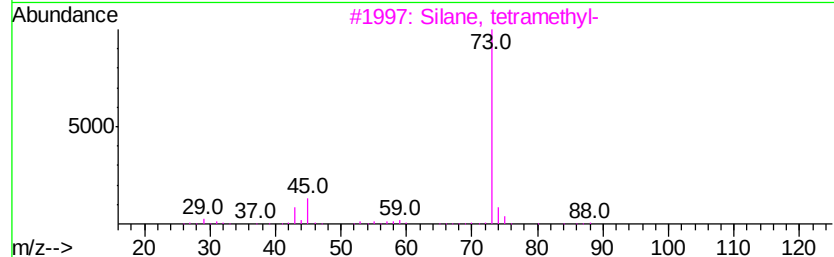
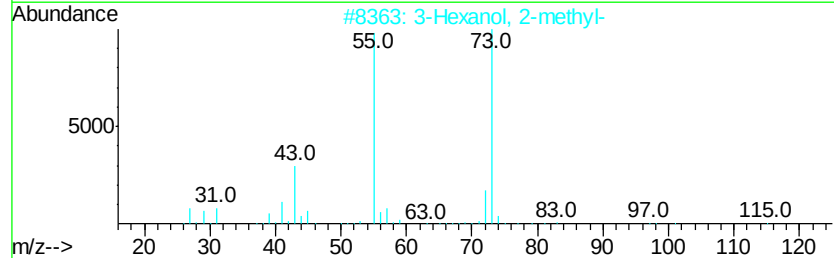
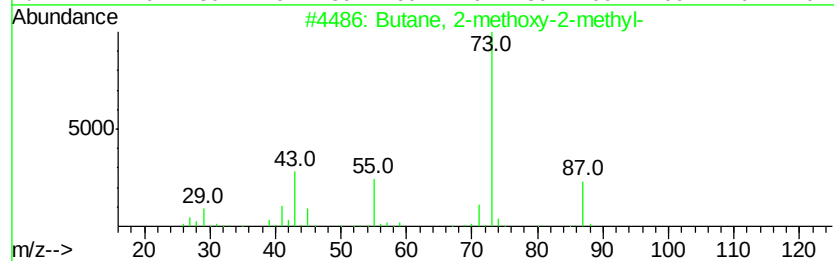
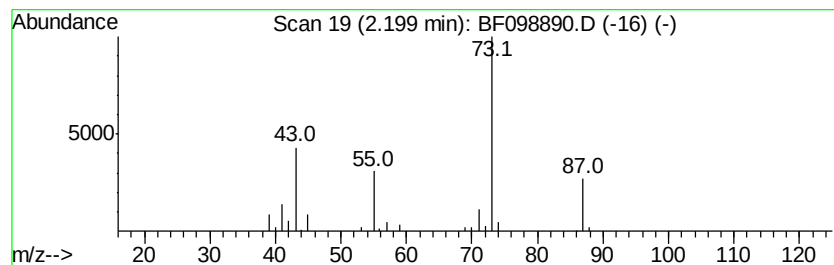
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	3.15 ng	122489	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12



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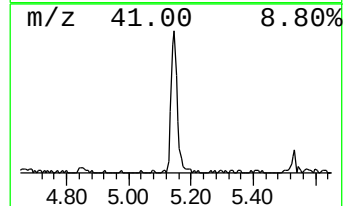
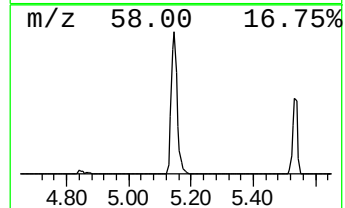
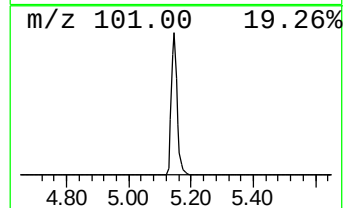
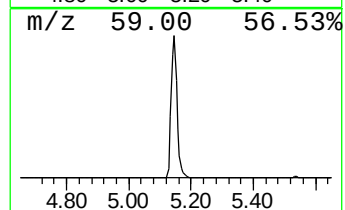
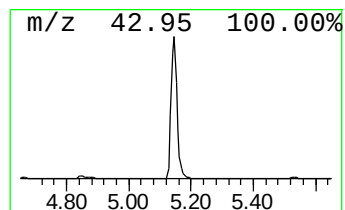
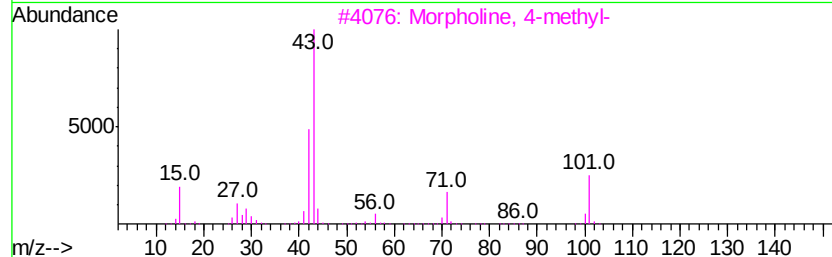
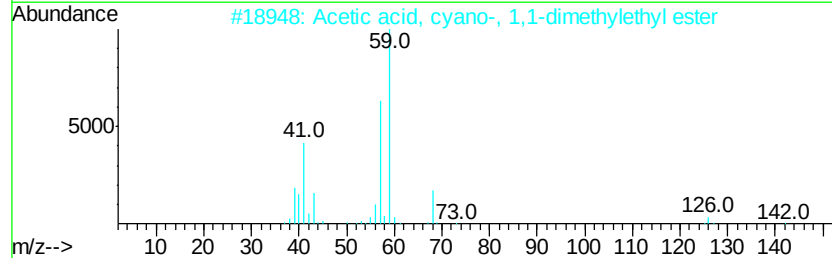
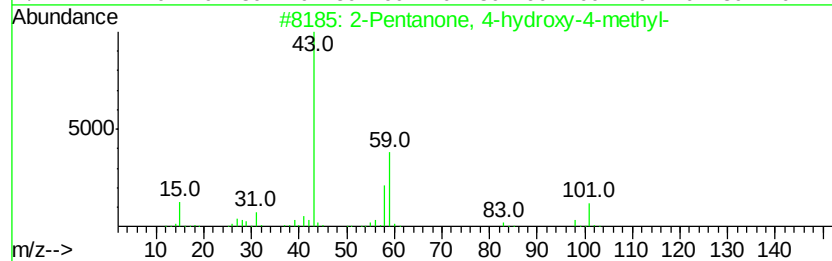
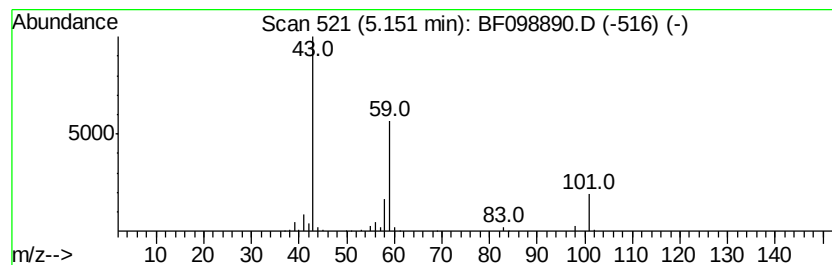
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	16.87 ng	656994	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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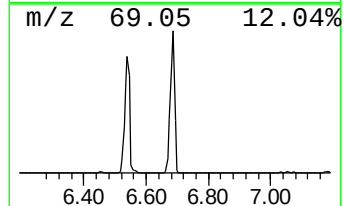
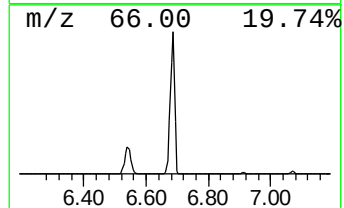
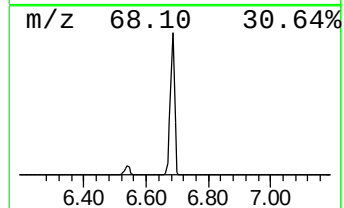
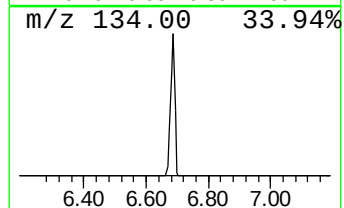
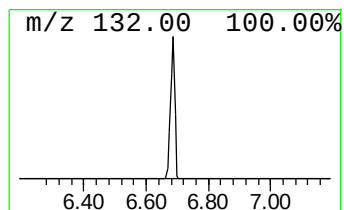
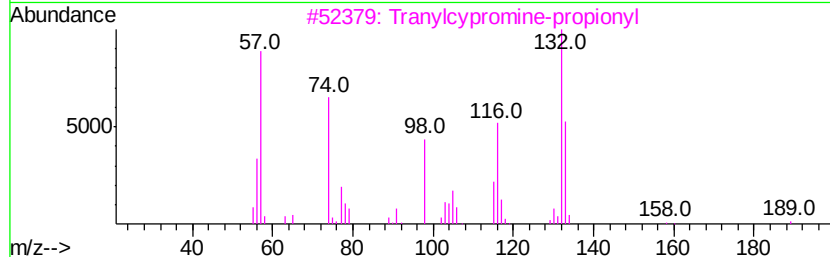
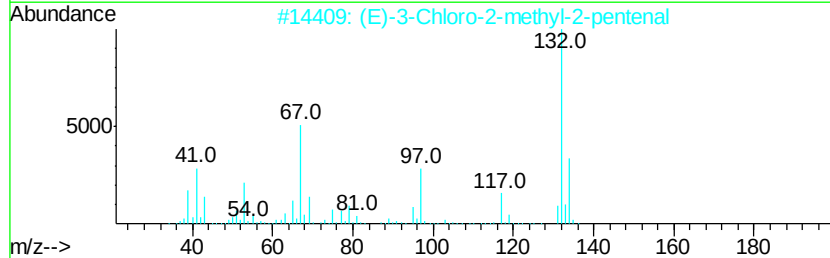
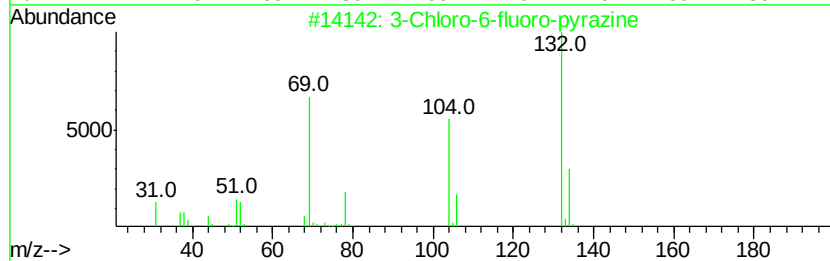
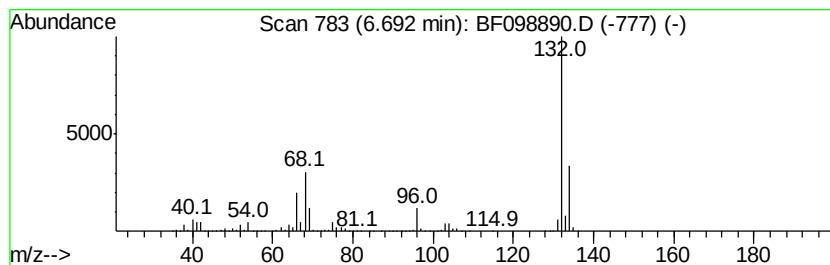
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	83.41 ng	3247960	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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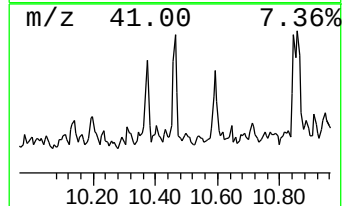
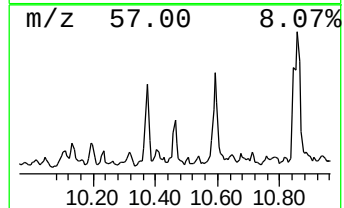
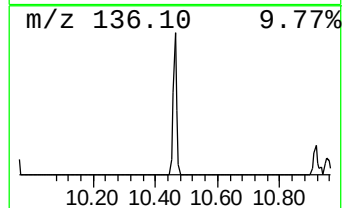
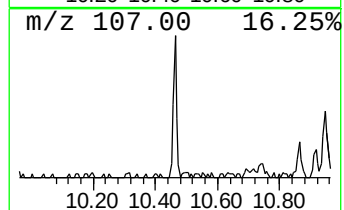
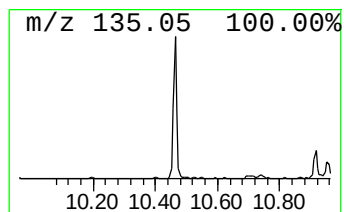
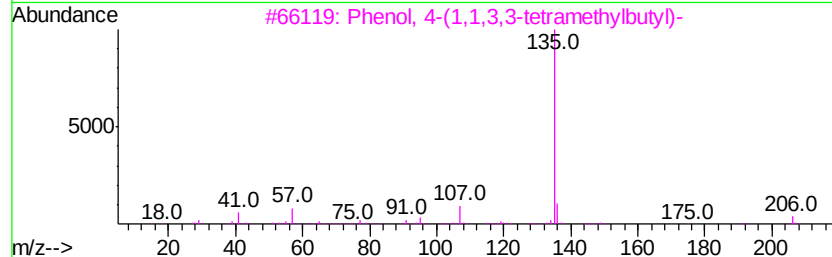
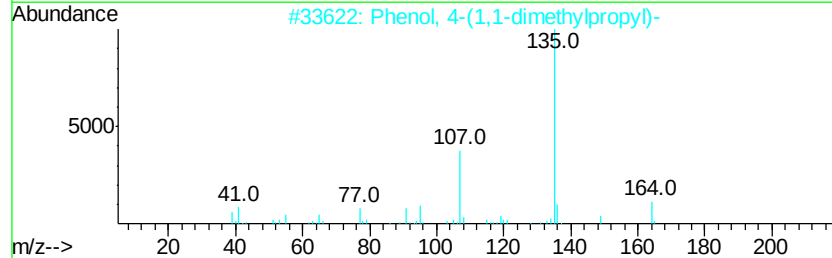
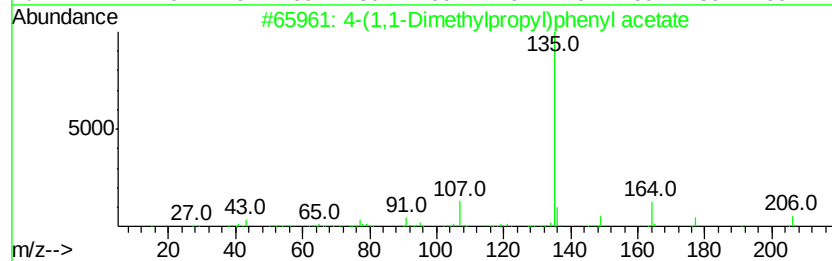
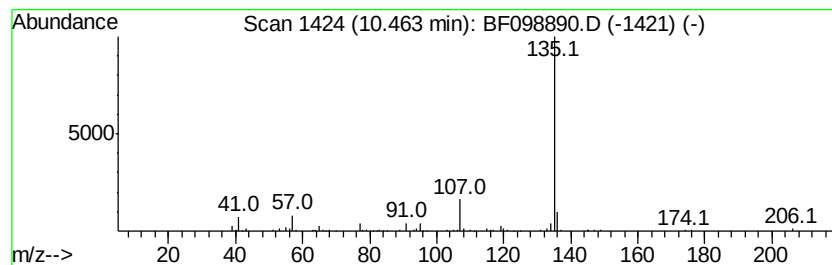
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.14 ng	110092	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4		1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	64
5		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64



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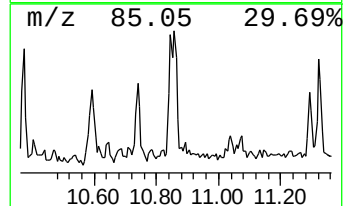
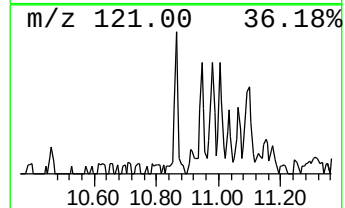
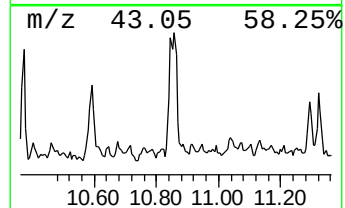
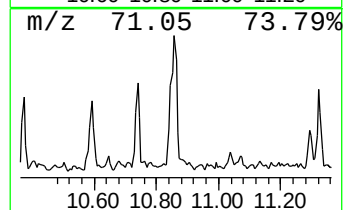
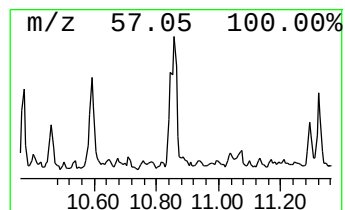
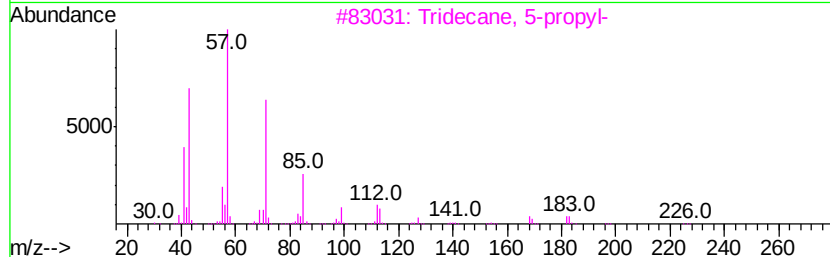
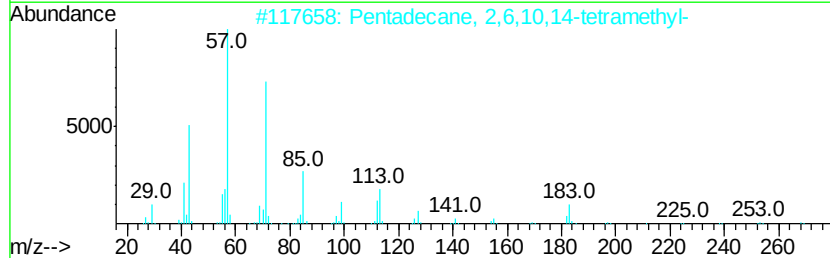
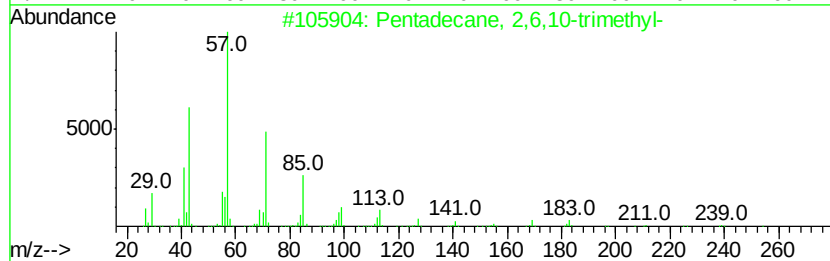
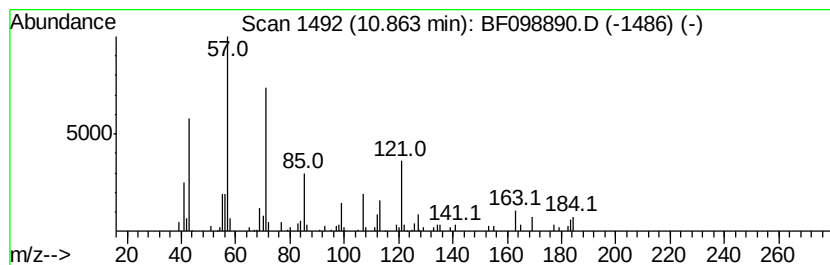
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.28 ng	155397	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098890.D
Acq On : 28 Sep 2017 4:05
Operator : SJ/JU
Sample : I5396-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

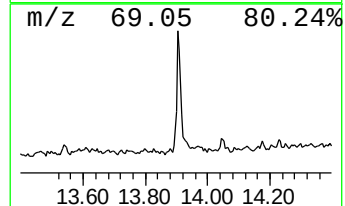
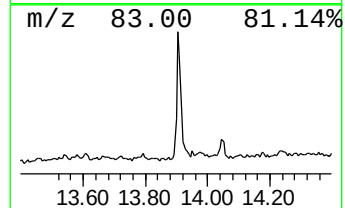
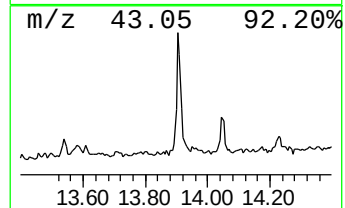
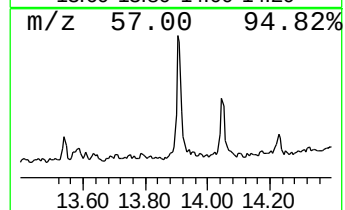
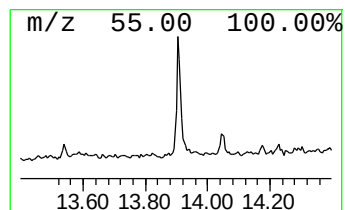
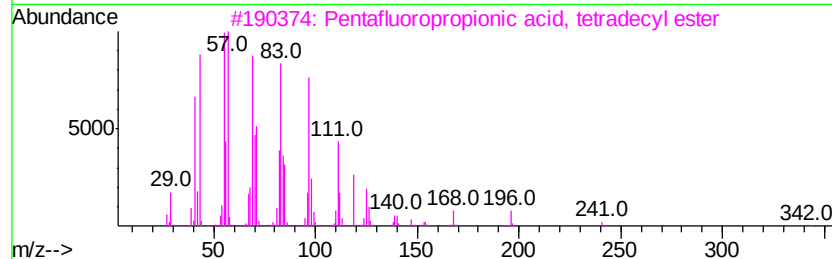
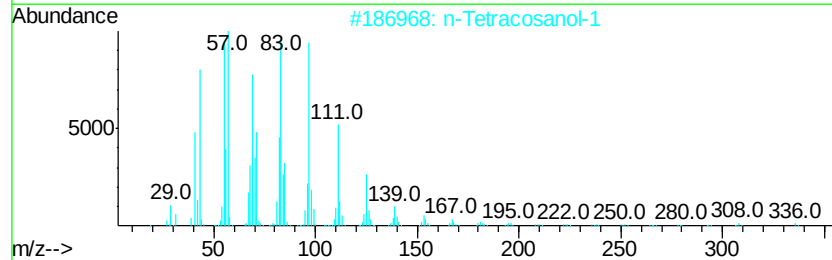
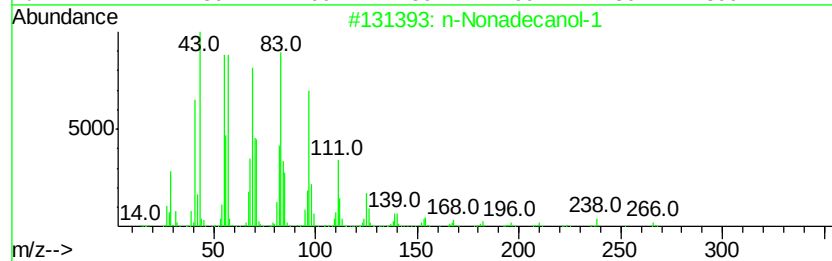
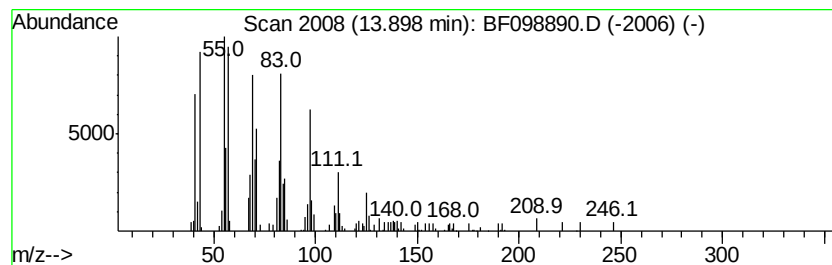
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BNA_F
ClientSampleId :
PAMT-COMP-E

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.90	6.54 ng	265424	Chrysene-d12		14.08
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098890.D
Acq On : 28 Sep 2017 4:05
Operator : SJ/JU
Sample : I5396-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-E

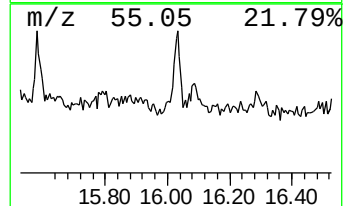
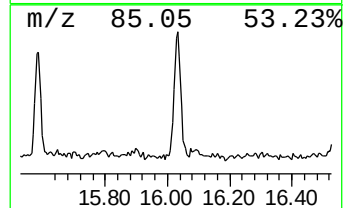
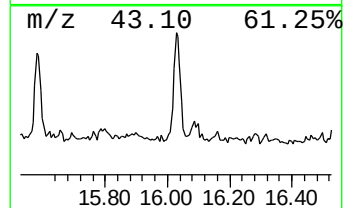
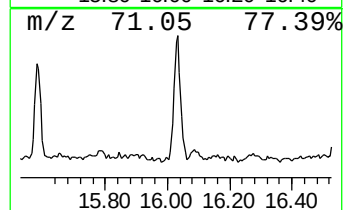
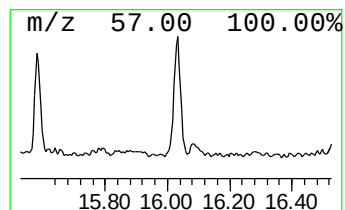
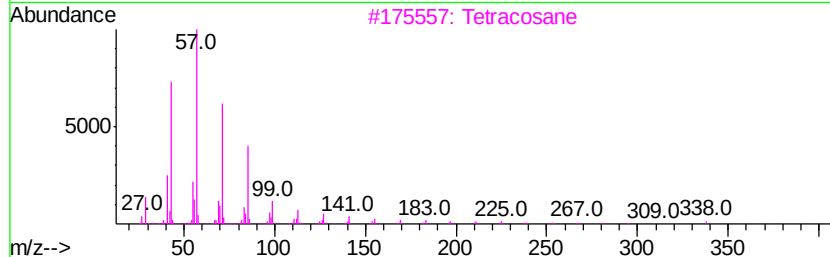
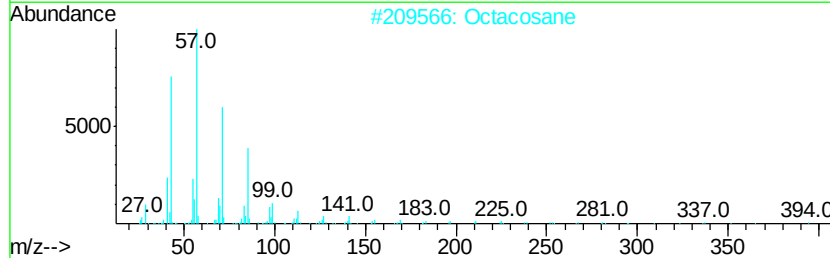
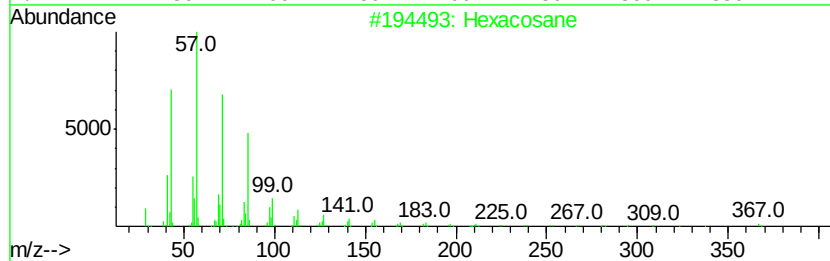
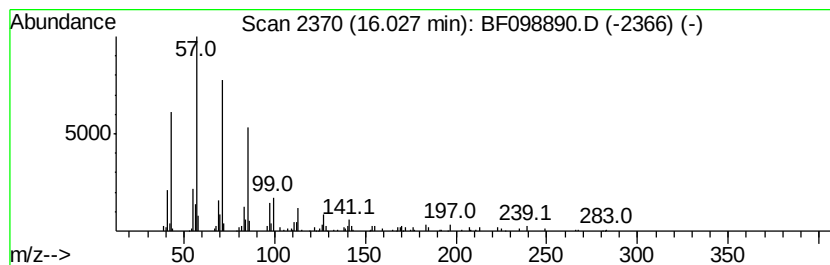
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.13 ng	148234	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098890.D
Acq On : 28 Sep 2017 4:05
Operator : SJ/JU
Sample : I5396-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

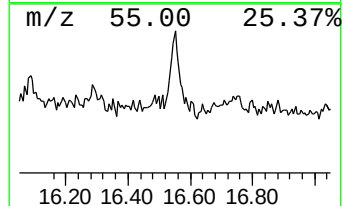
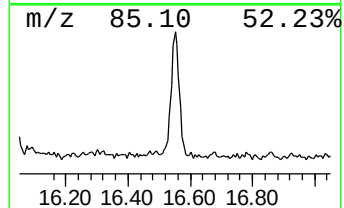
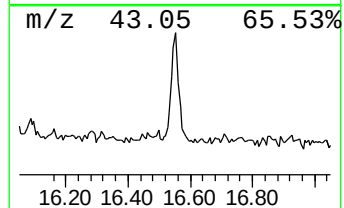
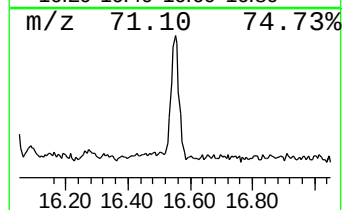
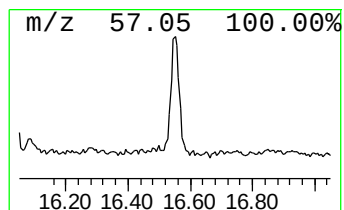
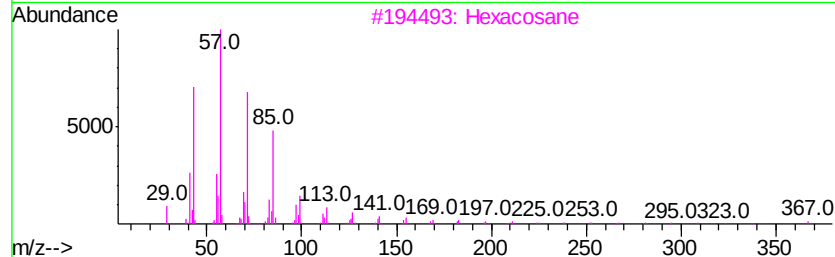
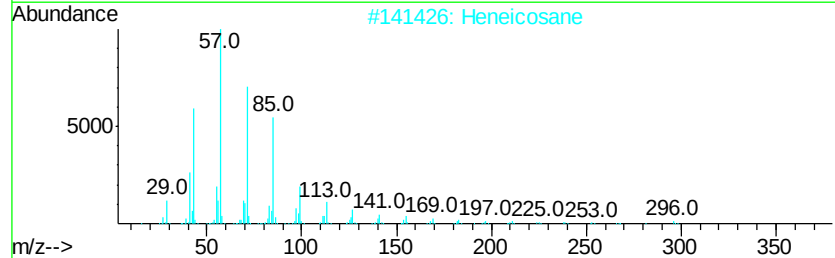
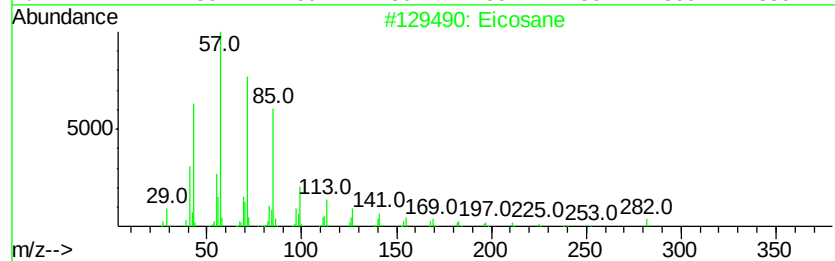
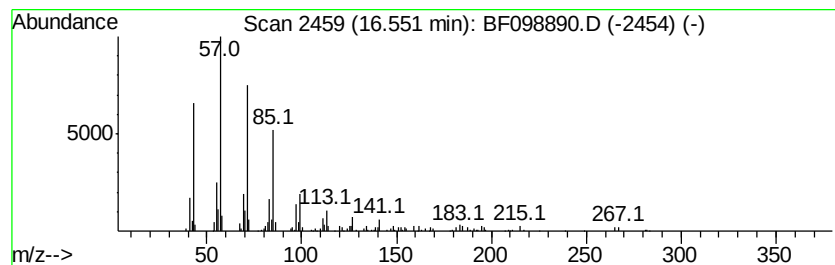
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ClientSampleId :
PAMT-COMP-E

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.55	5.42 ng	194593	Perylene-d12		15.57
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098890.D
Acq On : 28 Sep 2017 4:05
Operator : SJ/JU
Sample : I5396-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-E

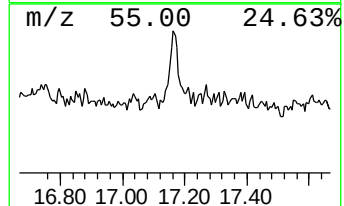
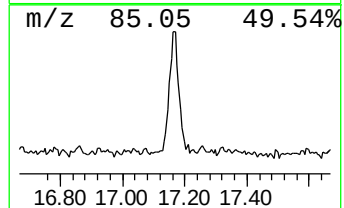
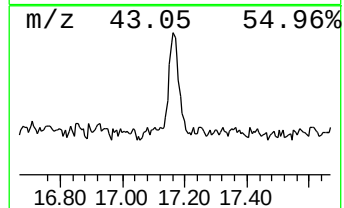
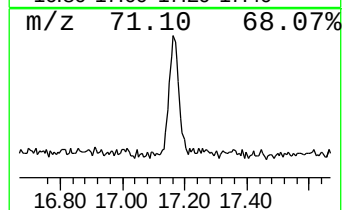
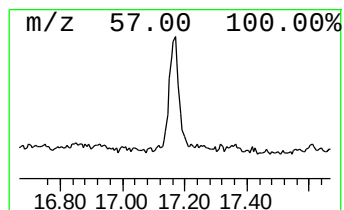
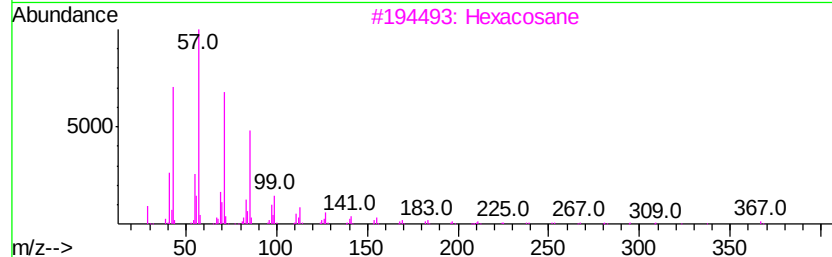
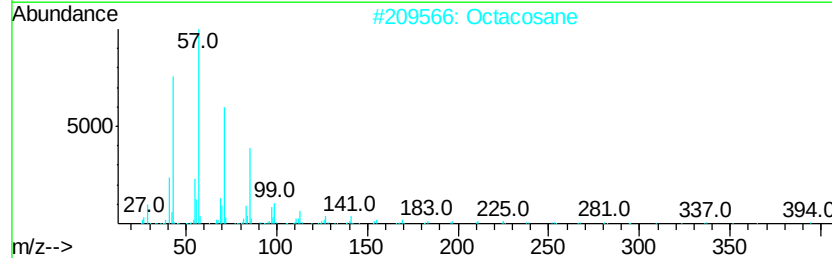
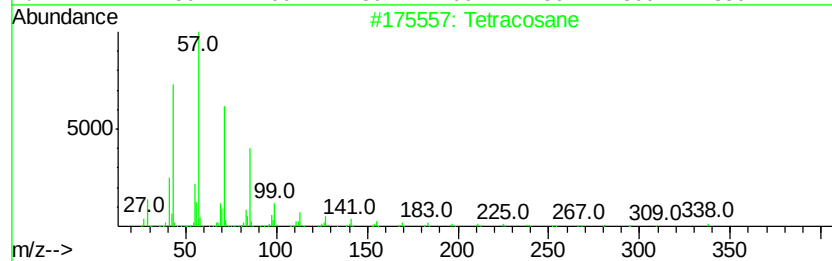
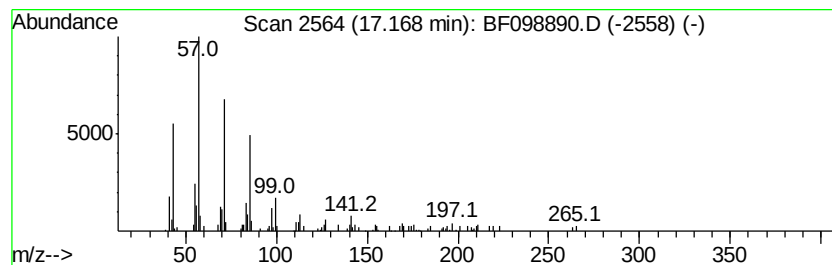
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.78 ng	171804	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Hexacosane	366	C26H54	000630-01-3	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098890.D
Acq On : 28 Sep 2017 4:05
Operator : SJ/JU
Sample : I5396-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

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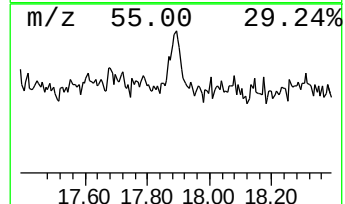
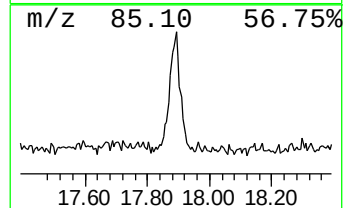
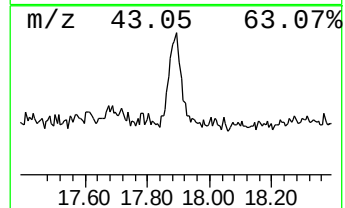
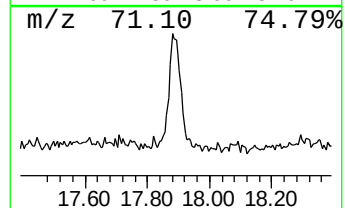
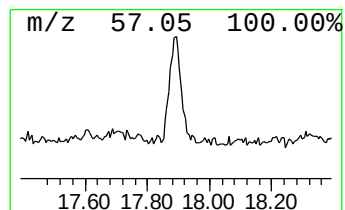
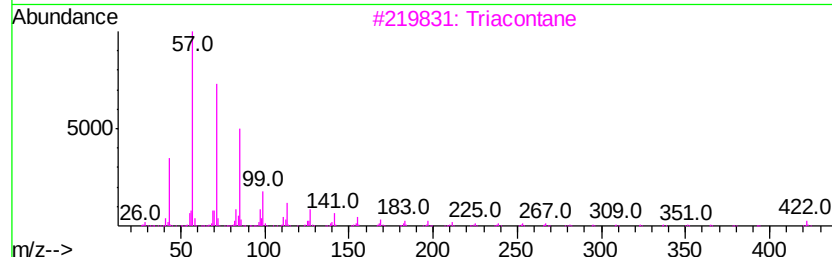
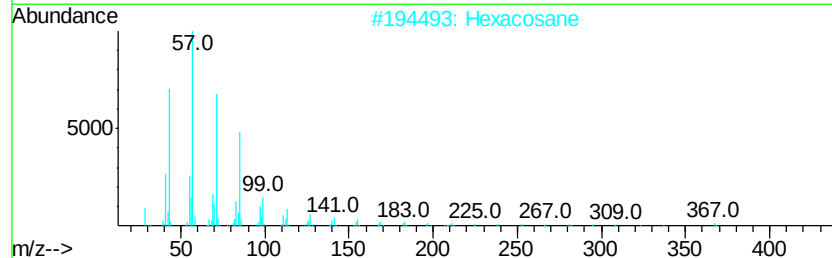
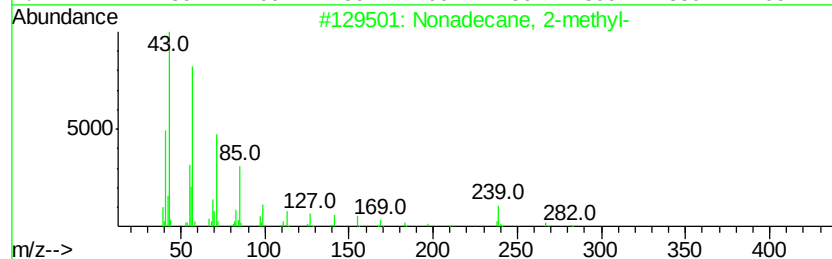
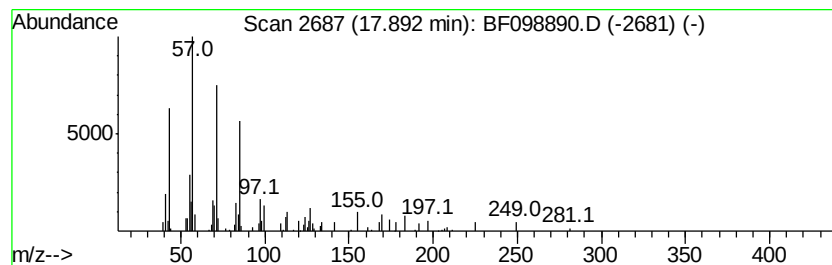
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.84 ng	137964	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			triacontane	422	C30H62	000638-68-6	90
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098890.D
Acq On : 28 Sep 2017 4:05
Operator : SJ/JU
Sample : I5396-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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2-Pentanone, 4-hy...	5.15	16.9	ng	656994	1	6.92	778838	20.0
unknown6.69	6.69	83.4	ng	3247960	1	6.92	778838	20.0
4-(1,1-Dimethylpr...	10.46	2.1	ng	110092	3	9.95	1028320	20.0
Pentadecane, 2,6,...	10.86	3.3	ng	155397	4	11.44	947777	20.0
n-Nonadecanol-1	13.90	6.5	ng	265424	5	14.08	812134	20.0
Hexacosane	16.03	4.1	ng	148234	6	15.57	718453	20.0
Eicosane	16.55	5.4	ng	194593	6	15.57	718453	20.0
Tetracosane	17.17	4.8	ng	171804	6	15.57	718453	20.0
Nonadecane, 2-met...	17.89	3.8	ng	137964	6	15.57	718453	20.0