

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096058.D
 Acq On : 20 Jun 2017 22:24
 Operator : SJ/MA
 Sample : I3793-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

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-BF060517.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	1.552	9	11	58	rVB	1095892	2190138	100.00%	10.766%
2	4.457	501	505	516	rBV	24892	62085	2.83%	0.305%
3	5.193	626	630	659	rBV	226034	621208	28.36%	3.054%
4	6.787	898	901	911	rBV2	12126	25232	1.15%	0.124%
5	6.887	915	918	925	rBV	118641	256383	11.71%	1.260%
6	6.951	925	929	952	rVB	848494	1491059	68.08%	7.330%
7	7.292	982	987	1002	rVB	282803	378985	17.30%	1.863%
8	7.528	1022	1027	1044	rBV	1019874	1390777	63.50%	6.837%
9	8.216	1139	1144	1164	rBV	688652	1012203	46.22%	4.976%
10	9.322	1328	1332	1344	rBV	356882	485713	22.18%	2.388%
11	11.104	1628	1635	1651	rBV	1449745	1916353	87.50%	9.421%
12	11.804	1749	1754	1759	rBV	26315	34585	1.58%	0.170%
13	12.145	1806	1812	1817	rBV2	365954	454857	20.77%	2.236%
14	13.445	2028	2033	2045	rBV	541657	750618	34.27%	3.690%
15	14.539	2214	2219	2230	rVB	288648	382966	17.49%	1.883%
16	15.568	2386	2394	2401	rBV4	21069	33885	1.55%	0.167%
17	16.351	2521	2527	2535	rBV2	171777	210071	9.59%	1.033%
18	16.674	2578	2582	2589	rBV	30724	42042	1.92%	0.207%
19	16.862	2608	2614	2618	rBV	526914	584844	26.70%	2.875%
20	16.927	2619	2625	2628	rBV	1144475	1352898	61.77%	6.651%
21	17.333	2689	2694	2699	rVB	765139	826283	37.73%	4.062%
22	17.615	2738	2742	2746	rVB	24830	27953	1.28%	0.137%
23	17.780	2765	2770	2774	rBV	796218	869227	39.69%	4.273%
24	18.045	2810	2815	2819	rBV2	42851	48548	2.22%	0.239%
25	18.203	2834	2842	2846	rBV	728490	851710	38.89%	4.187%
26	18.268	2848	2853	2857	rBV	324258	372258	17.00%	1.830%
27	18.450	2878	2884	2888	rBV	43043	59467	2.72%	0.292%
28	18.492	2888	2891	2895	rBV3	18711	22753	1.04%	0.112%
29	18.603	2905	2910	2914	rBV	618425	719684	32.86%	3.538%
30	18.845	2944	2951	2954	rBV	41485	59751	2.73%	0.294%
31	18.880	2954	2957	2962	rVB3	23701	33354	1.52%	0.164%
32	18.986	2968	2975	2983	rVB	561680	648989	29.63%	3.190%
33	19.215	3012	3014	3018	rVB4	34860	34283	1.57%	0.169%
34	19.350	3032	3037	3041	rBV	427137	527906	24.10%	2.595%

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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	19.709	3093	3098	3103	rBV	386465	455501	20.80%	2.239%
36	19.945	3134	3138	3145	rVB	227659	284897	13.01%	1.401%
37	20.050	3151	3156	3162	rBV	263578	332905	15.20%	1.637%
38	20.380	3208	3212	3217	rVB	195248	226488	10.34%	1.113%
39	20.744	3270	3274	3283	rVB	103659	145249	6.63%	0.714%
40	21.156	3340	3344	3351	rVB2	63082	118151	5.39%	0.581%

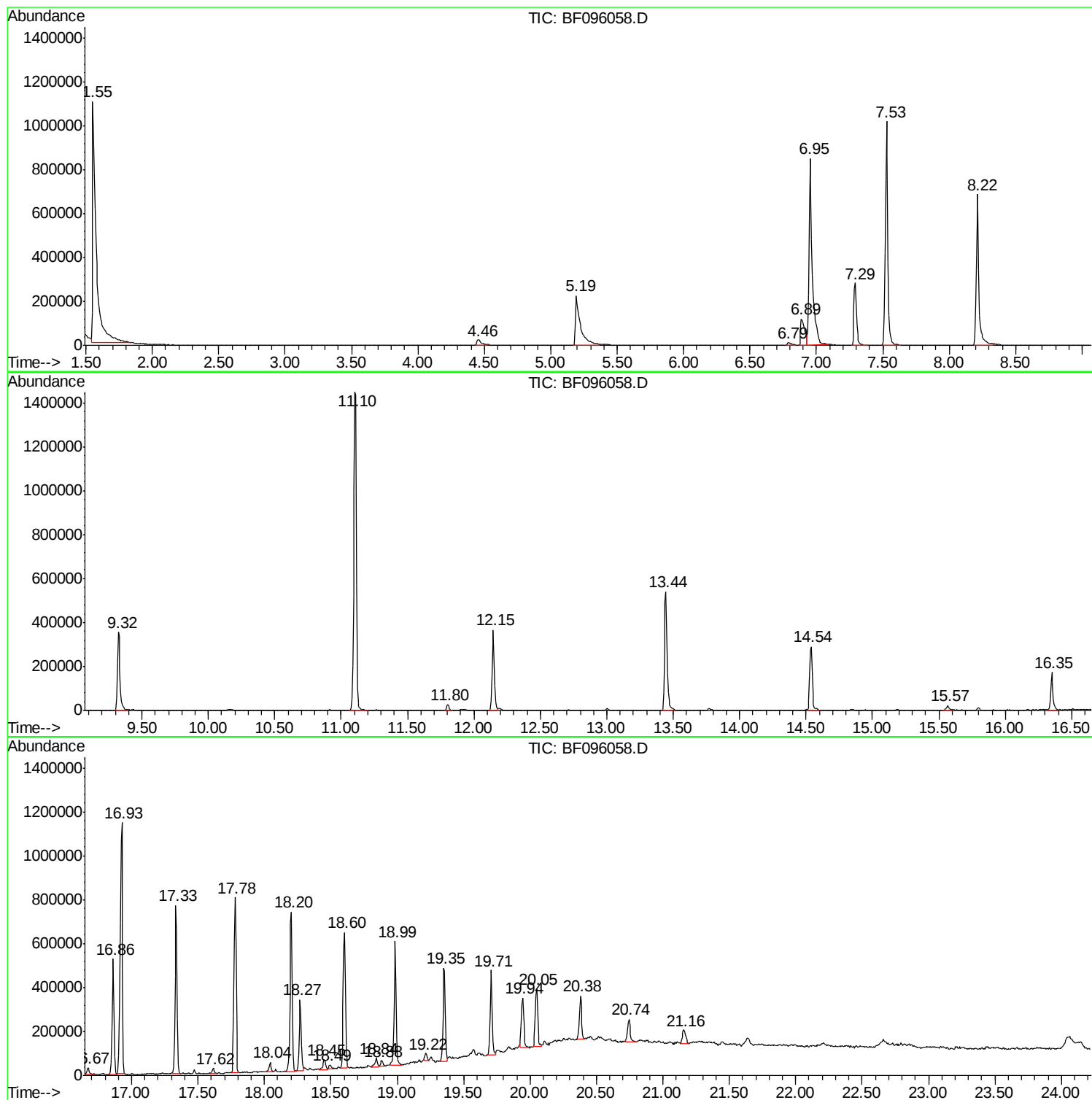
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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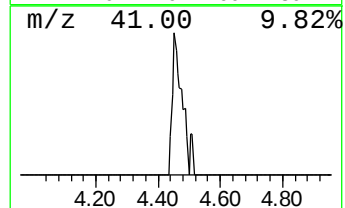
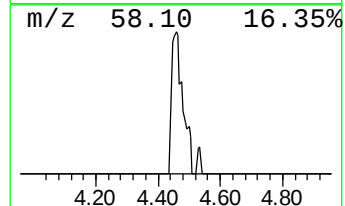
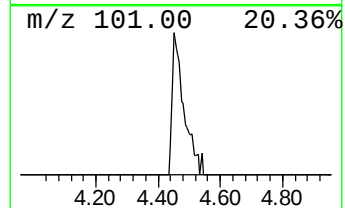
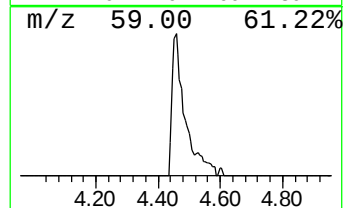
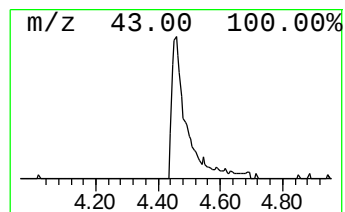
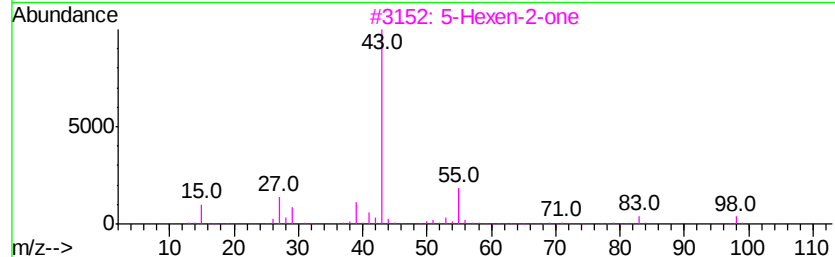
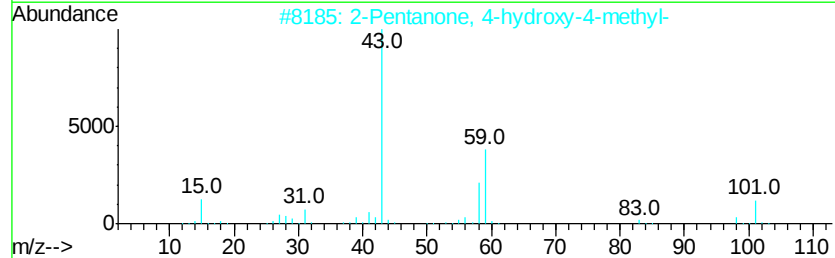
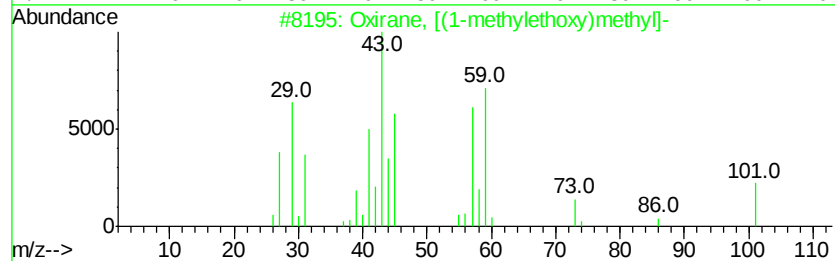
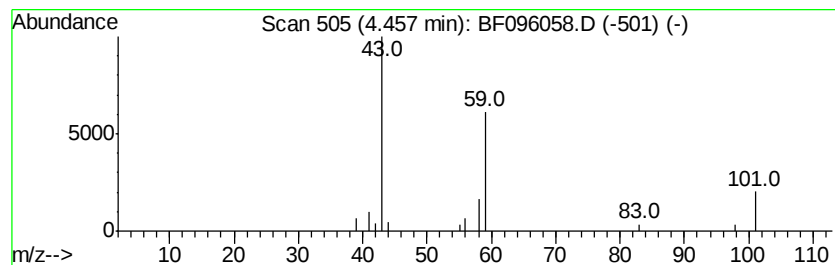
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown4.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	3.28 ng	62085	1,4-Dichlorobenzene-d4	7.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	40
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



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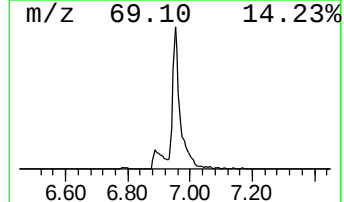
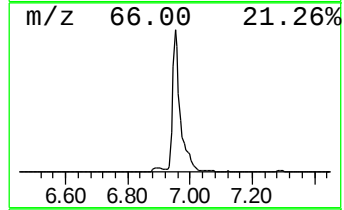
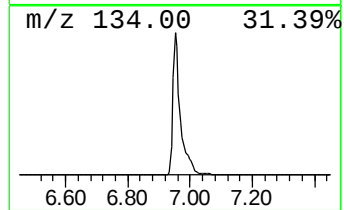
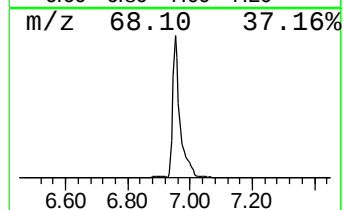
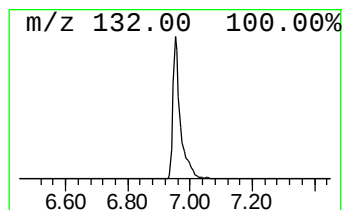
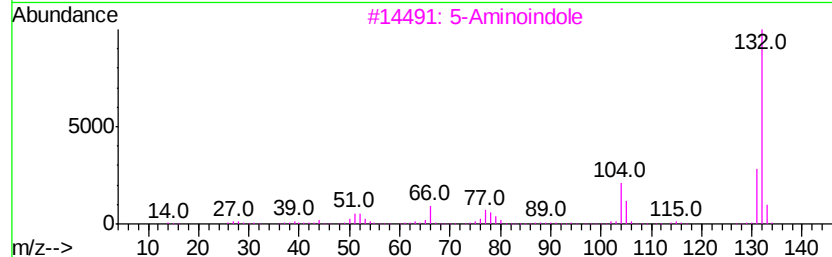
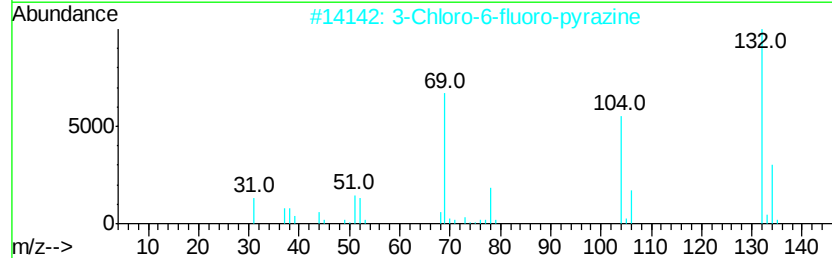
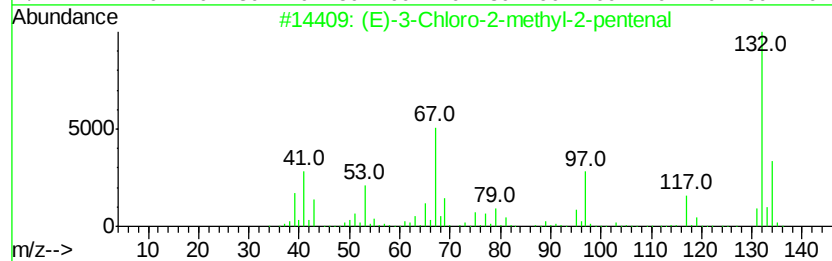
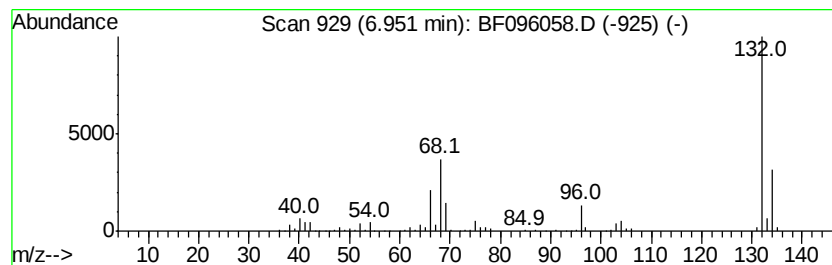
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	78.69 ng	1491060	1,4-Dichlorobenzene-d4	7.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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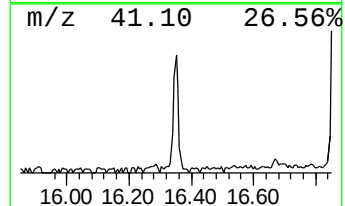
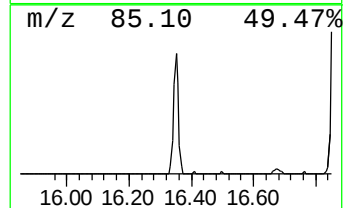
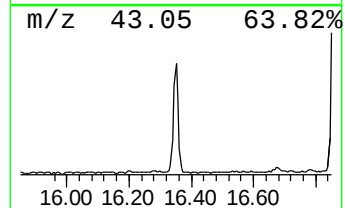
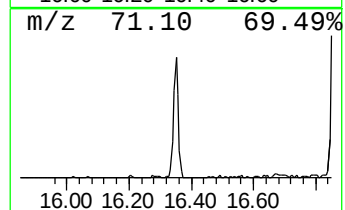
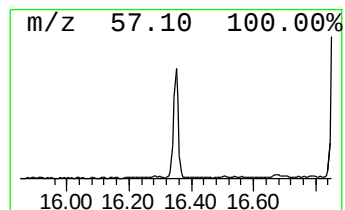
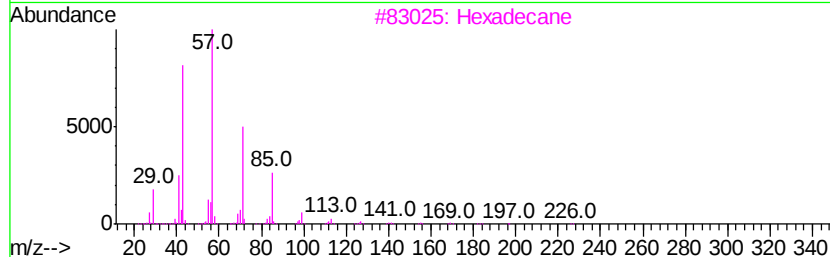
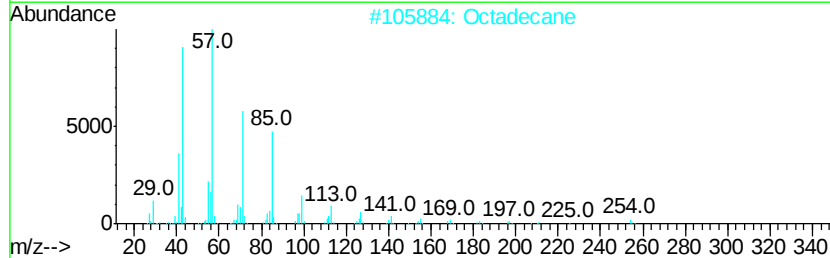
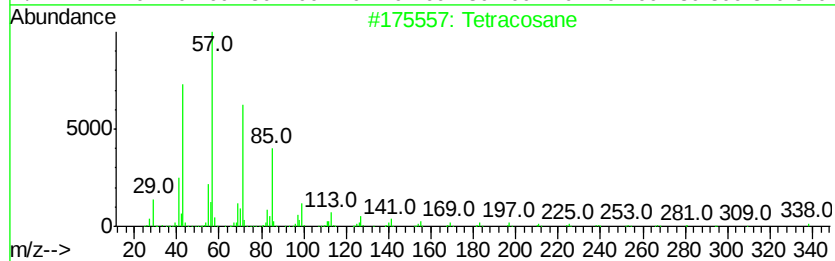
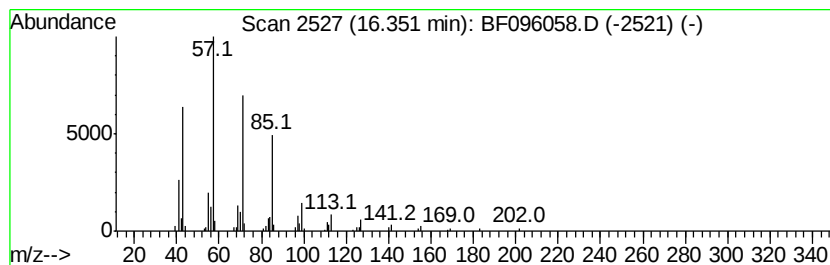
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	10.97 ng	210071	Phenanthrene-d10	14.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane	240	C17H36	000629-78-7	87



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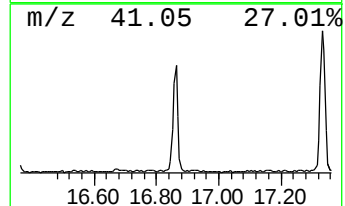
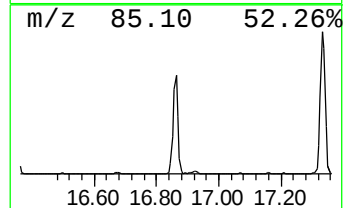
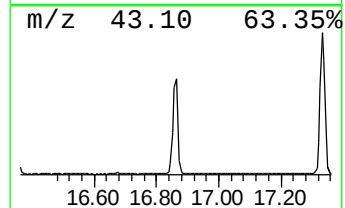
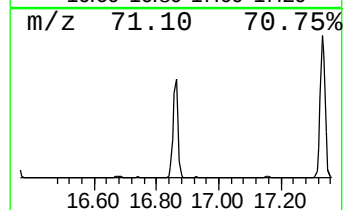
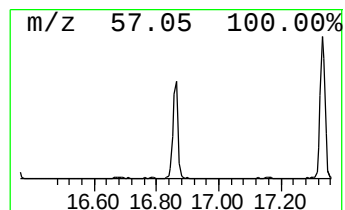
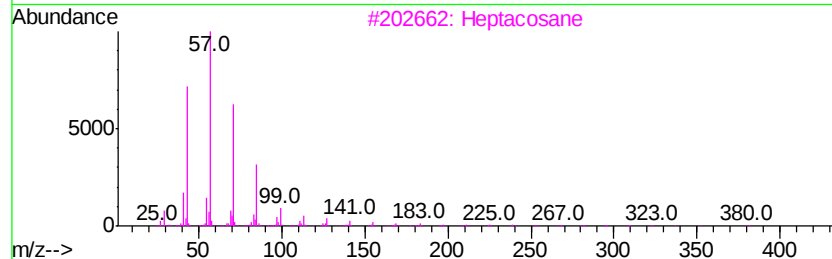
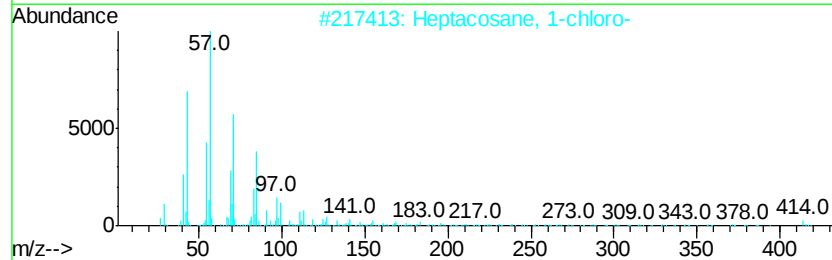
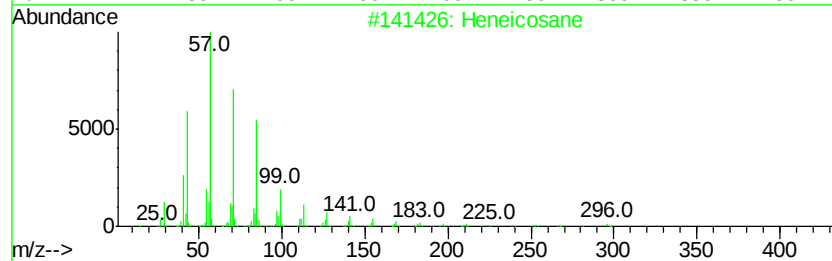
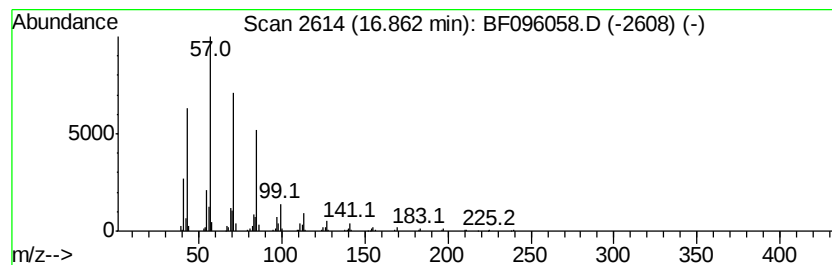
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	31.42 ng	584844	Chrysene-d12	18.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	86
3	Heptacosane	380 C27H56	000593-49-7	83
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	80
5	Hexatriacontane	507 C36H74	000630-06-8	80



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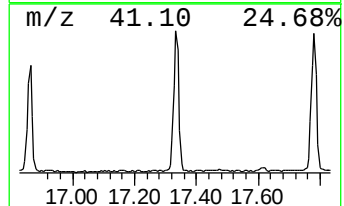
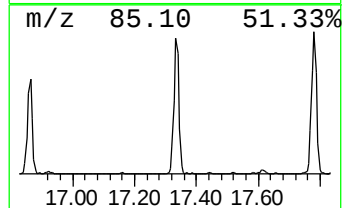
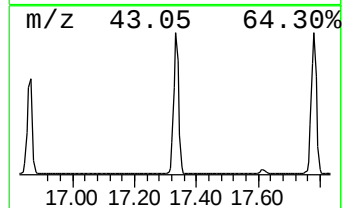
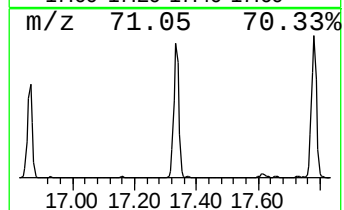
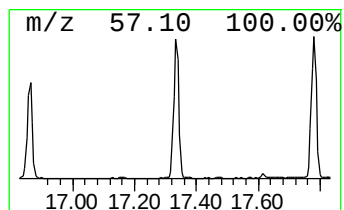
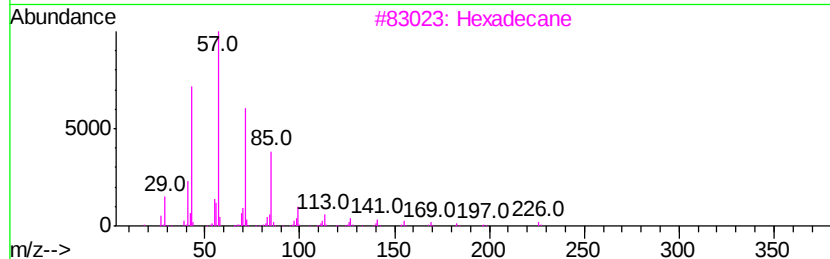
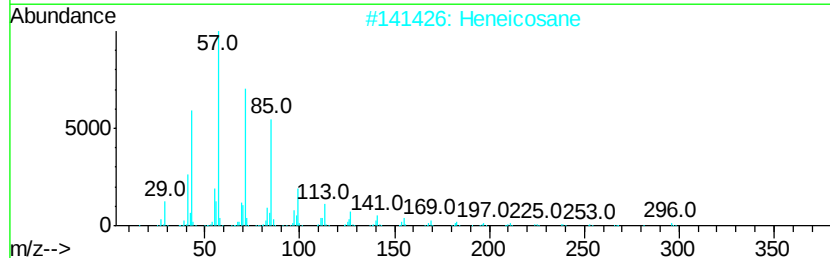
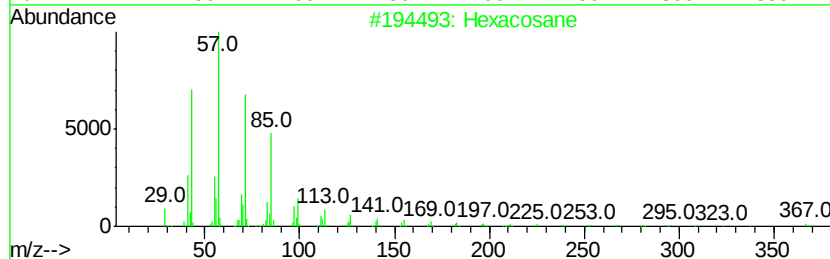
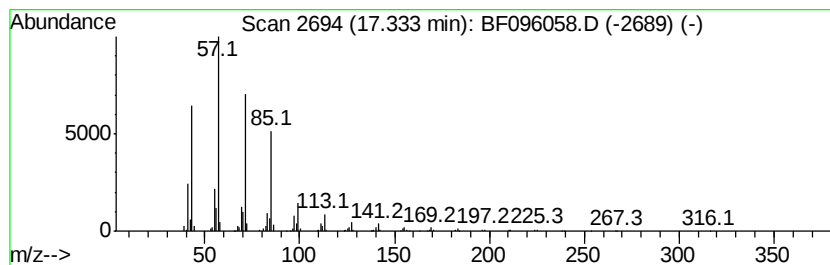
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	44.39 ng	826283	Chrysene-d12	18.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Heptacosane	380	C27H56	000593-49-7	83



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Data File : BF096058.D
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Operator : SJ/MA
Sample : I3793-01
Misc :
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Instrument :
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ClientSampleId :
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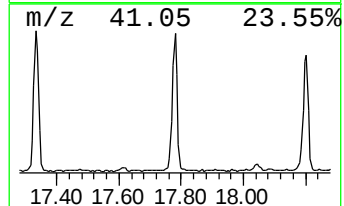
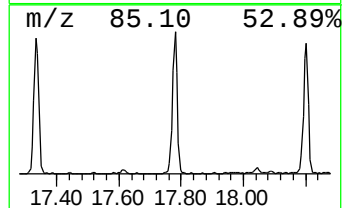
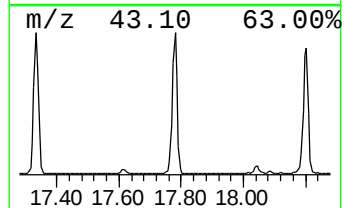
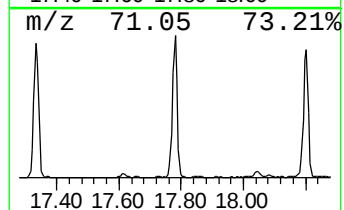
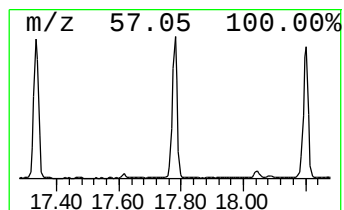
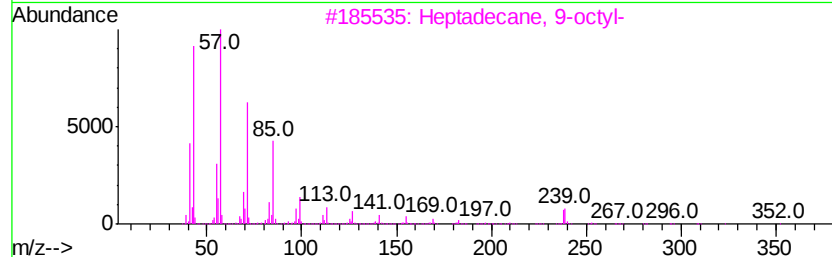
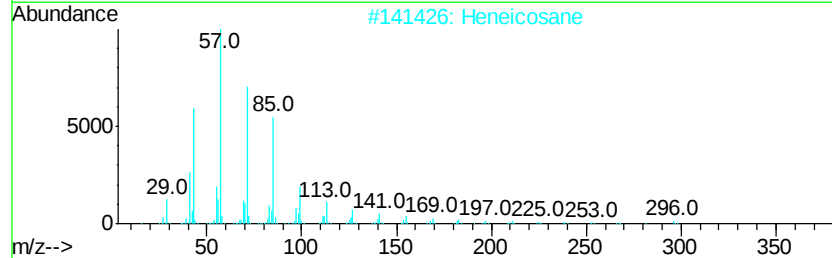
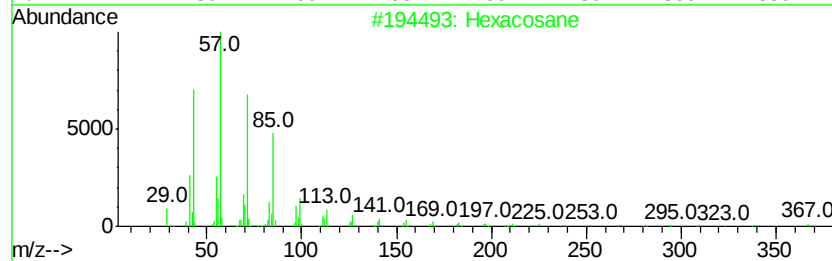
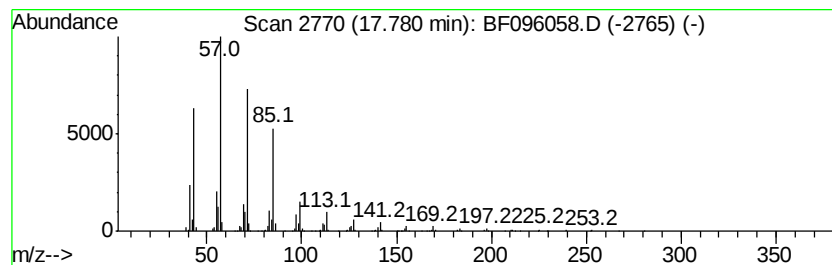
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	46.70 ng	869227	Chrysene-d12	18.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062017\
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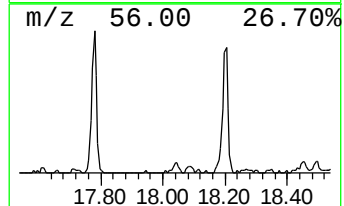
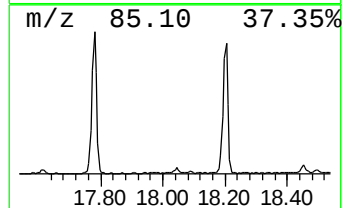
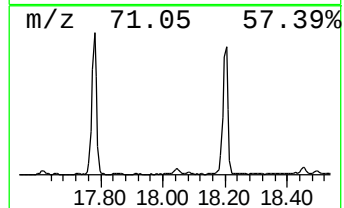
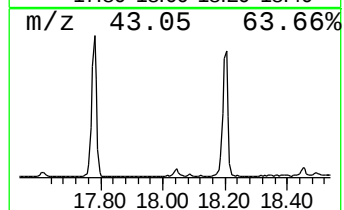
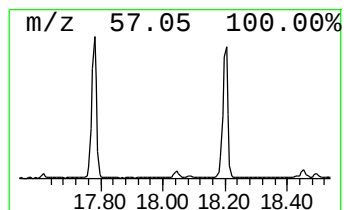
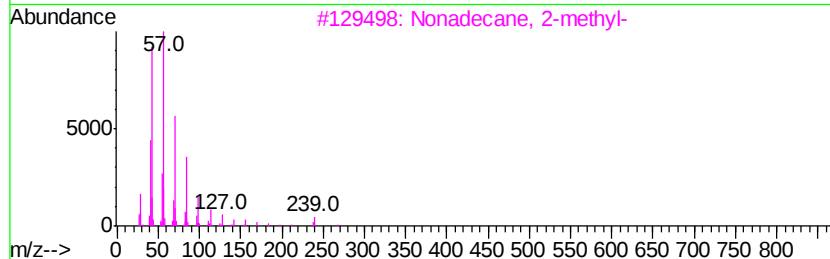
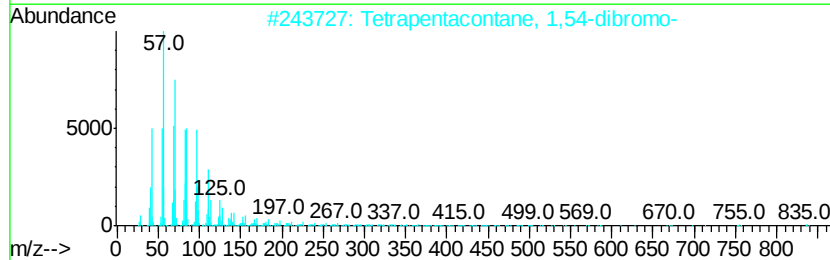
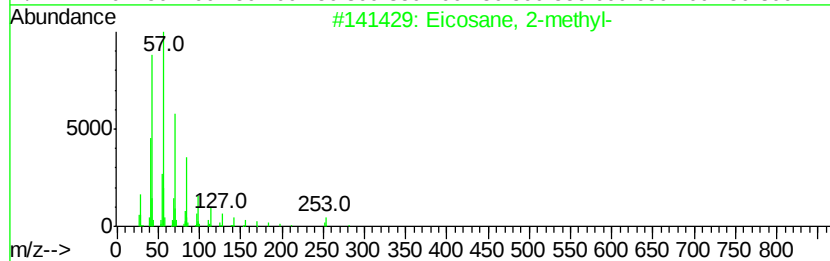
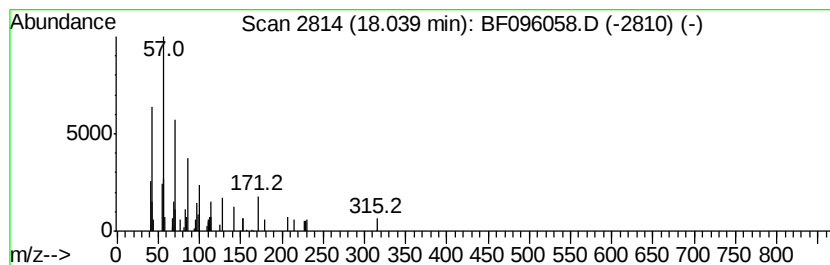
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.61 ng	48548	Chrysene-d12	18.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	72
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4		Docosane	310	C22H46	000629-97-0	72
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Acq On : 20 Jun 2017 22:24
Operator : SJ/MA
Sample : I3793-01
Misc :
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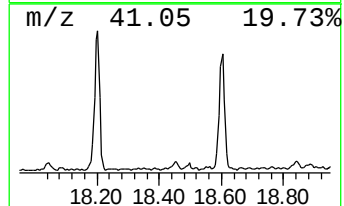
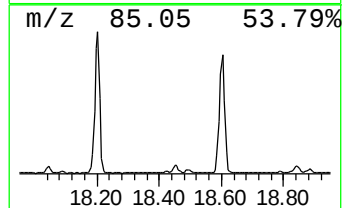
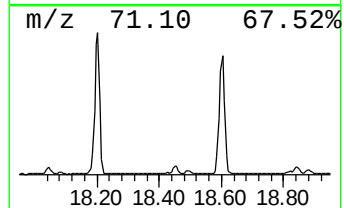
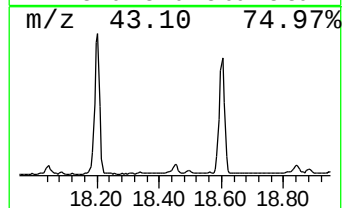
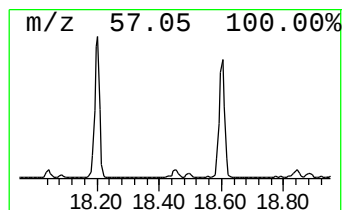
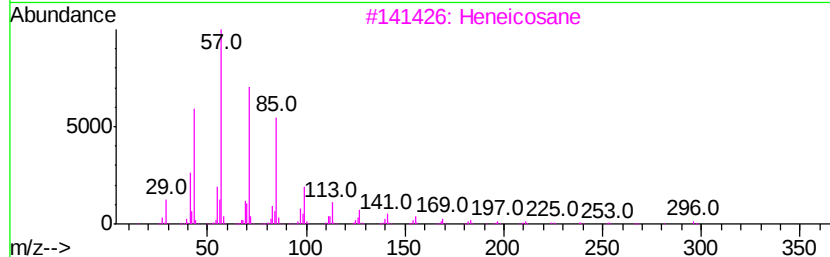
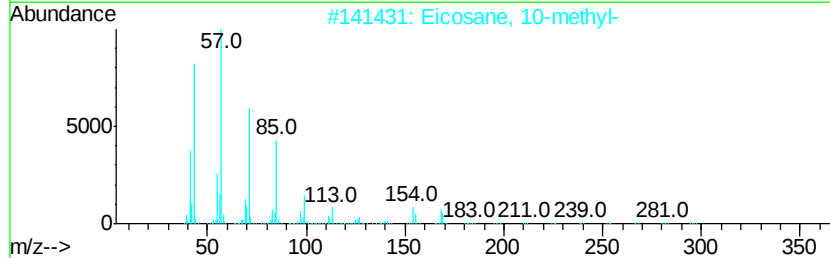
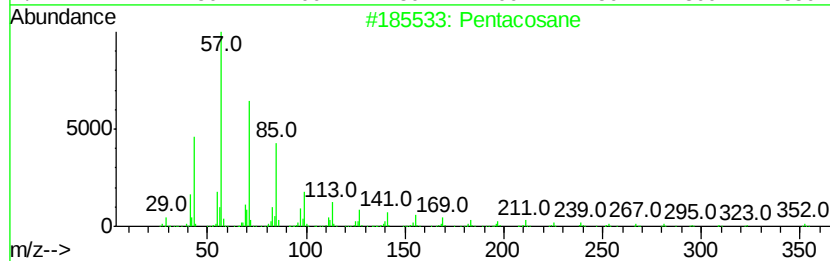
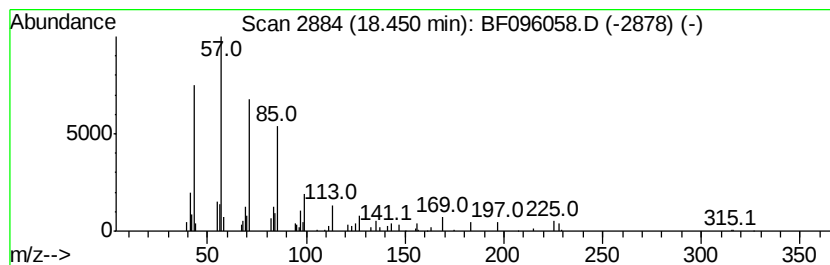
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.45	3.19 ng	59467	Chrysene-d12		18.27
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Nonacosane	408	C29H60	000630-03-5	72
5	5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062017\
Data File : BF096058.D
Acq On : 20 Jun 2017 22:24
Operator : SJ/MA
Sample : I3793-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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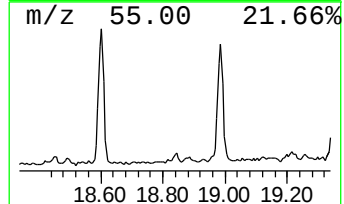
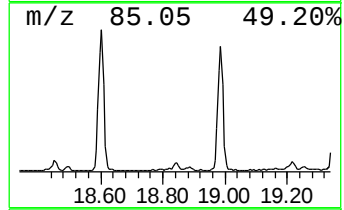
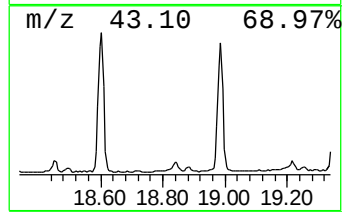
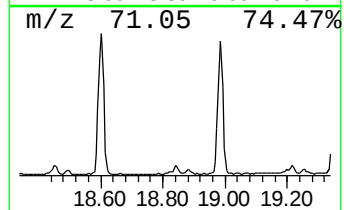
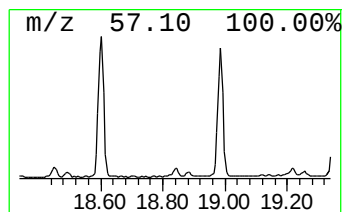
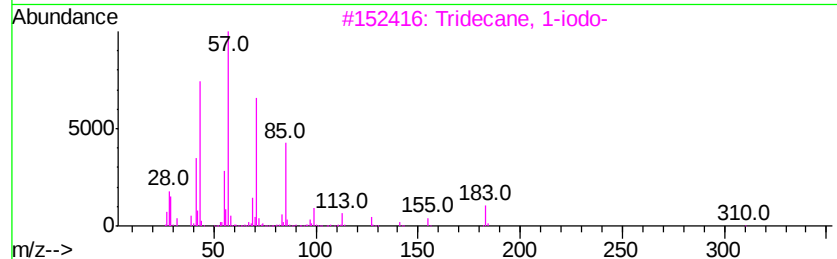
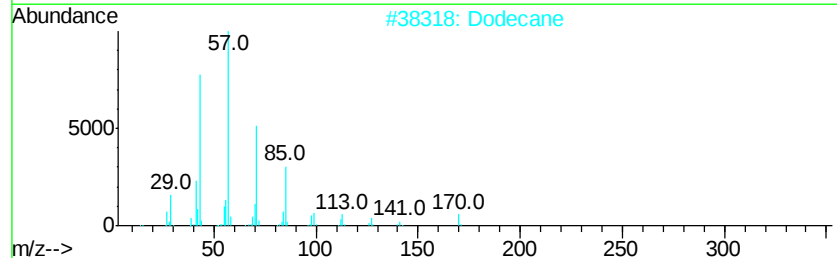
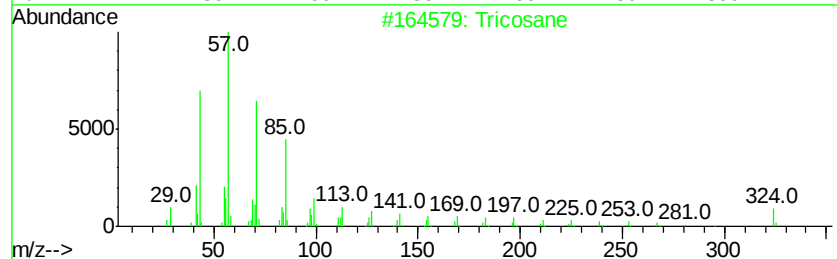
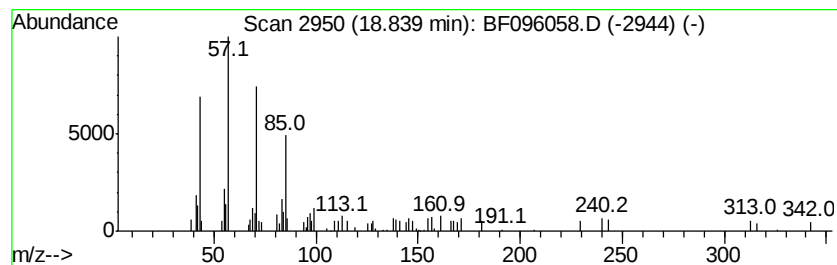
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tricosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.21 ng	59751	Chrysene-d12	18.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	72
2			Dodecane	170	C12H26	000112-40-3	72
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4			Hexacosane	366	C26H54	000630-01-3	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062017\
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Sample : I3793-01
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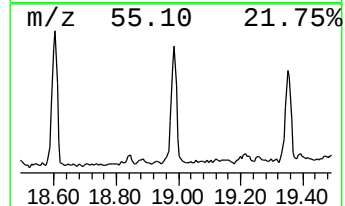
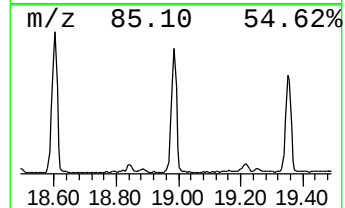
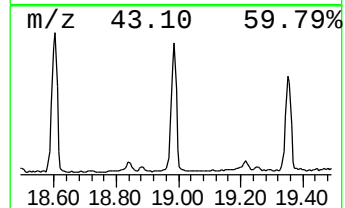
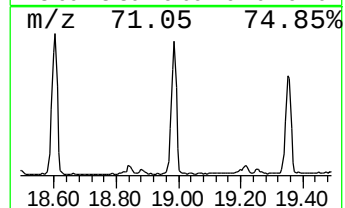
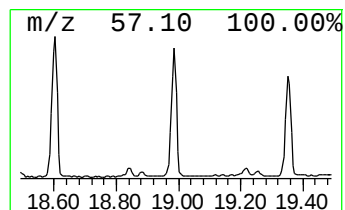
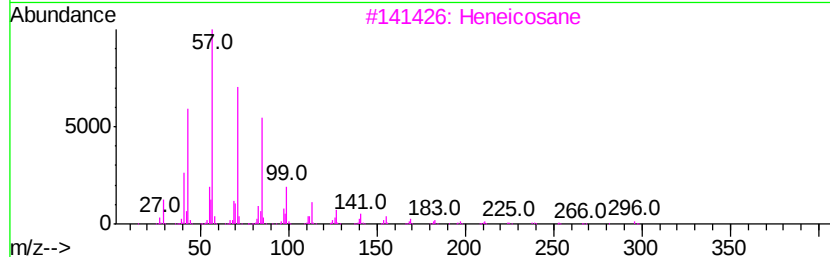
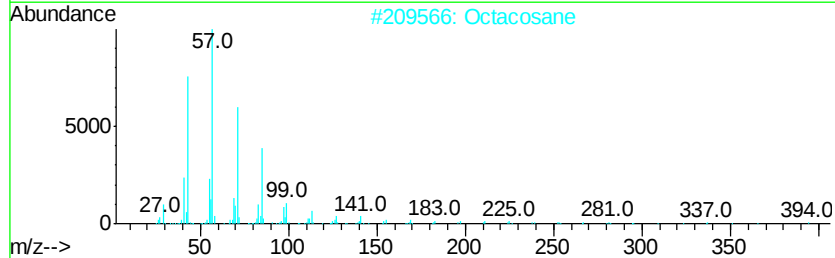
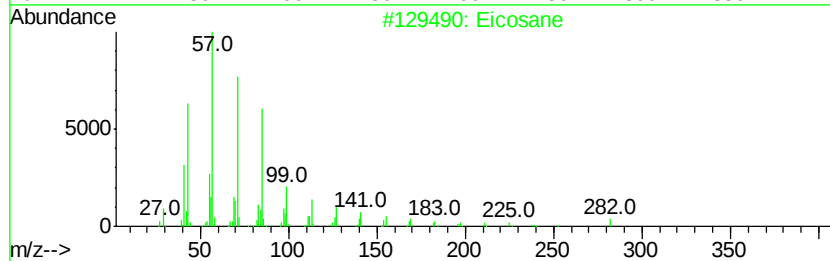
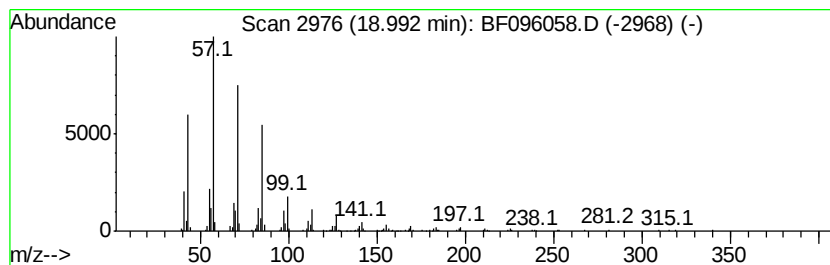
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	34.87 ng	648989	Chrysene-d12	18.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Octacosane	394 C28H58	000630-02-4	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heptacosane	380 C27H56	000593-49-7	90



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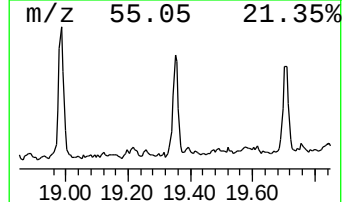
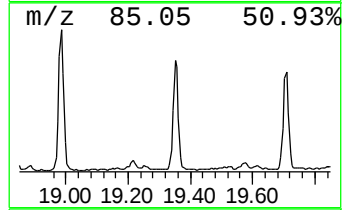
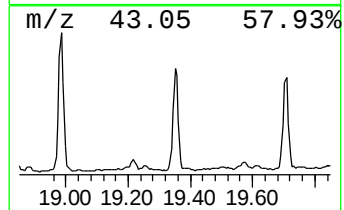
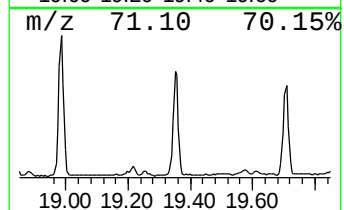
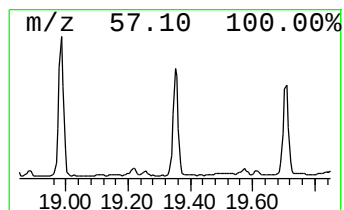
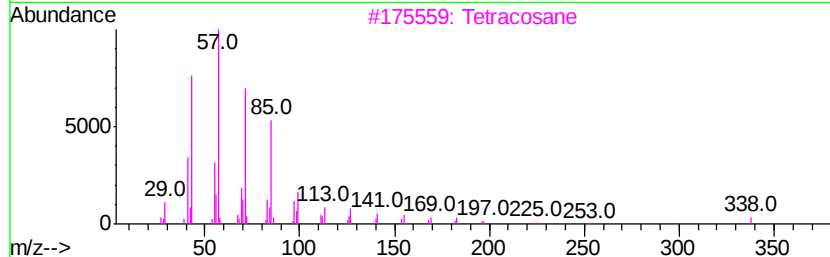
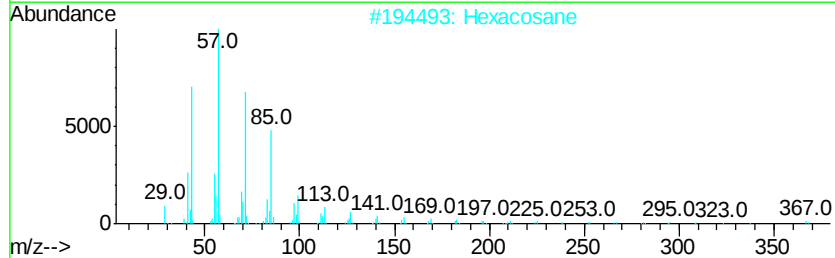
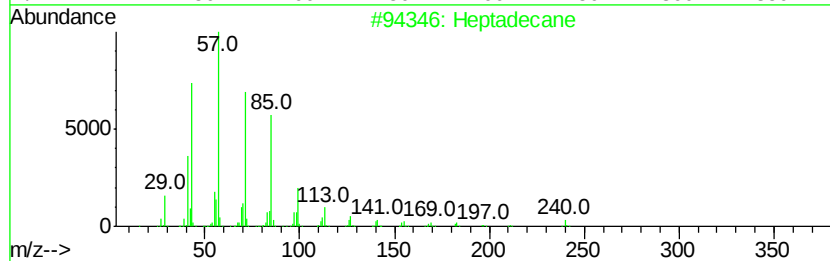
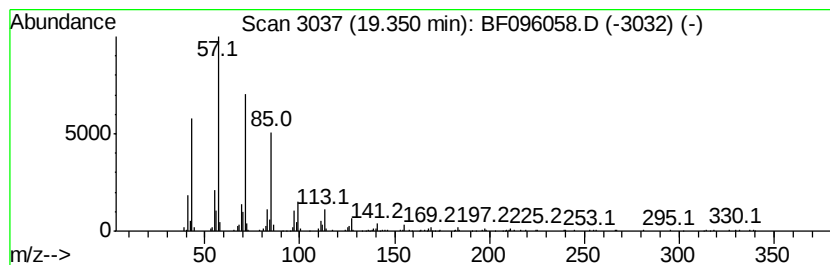
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	37.06 ng	527906	Perylene-d12	19.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane	282	C20H42	000112-95-8	91



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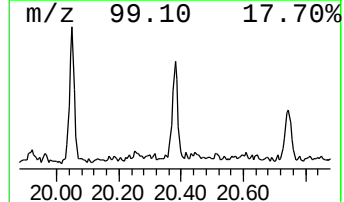
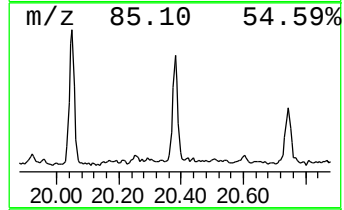
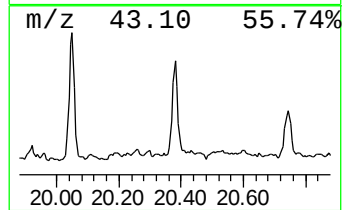
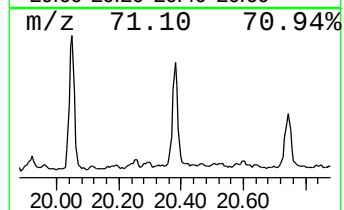
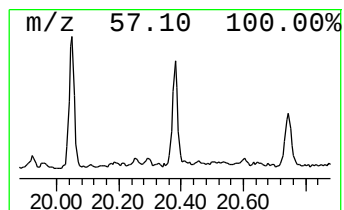
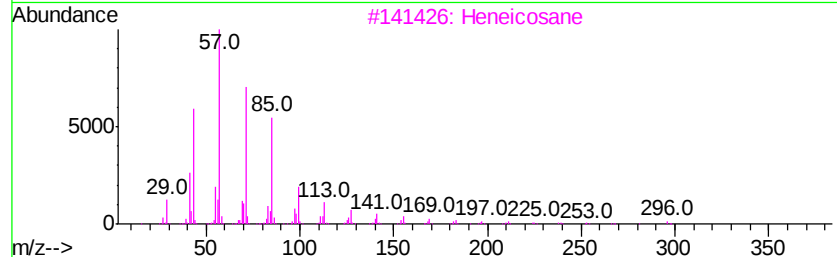
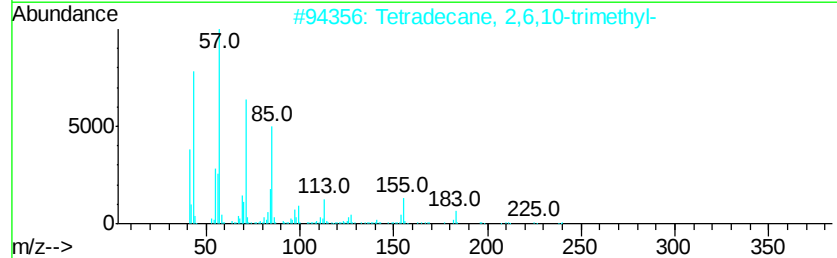
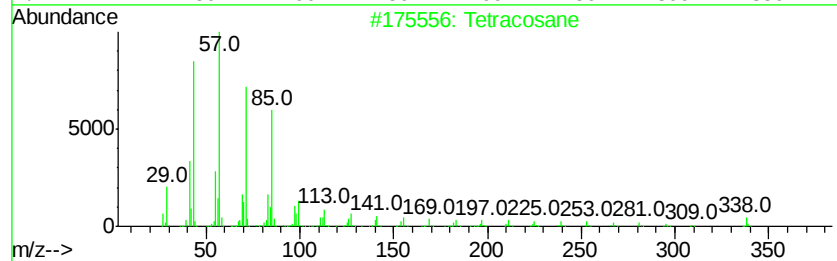
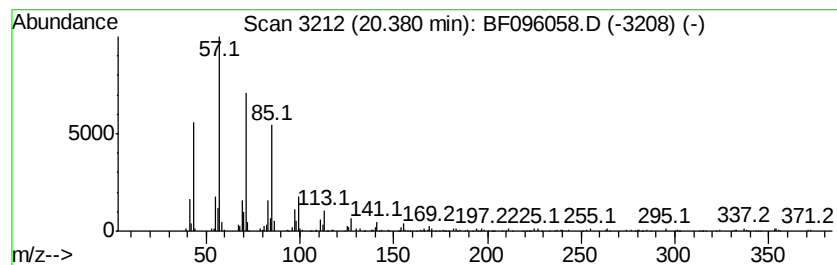
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 5-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	15.90 ng	226488	Perylene-d12	19.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	93
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096058.D
Acq On : 20 Jun 2017 22:24
Operator : SJ/MA
Sample : I3793-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-1

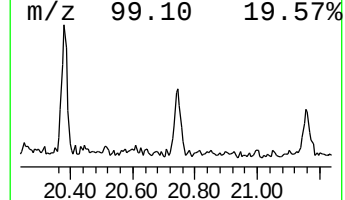
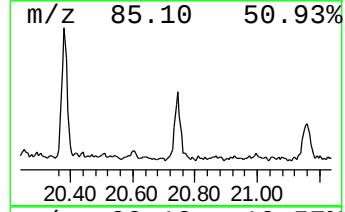
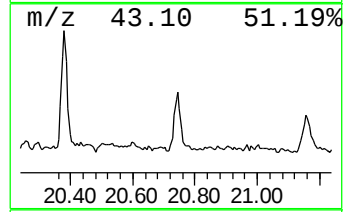
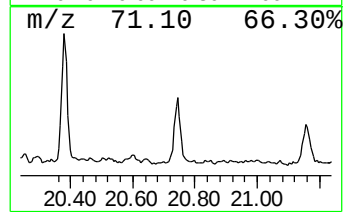
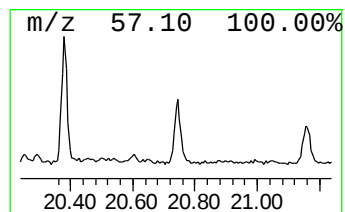
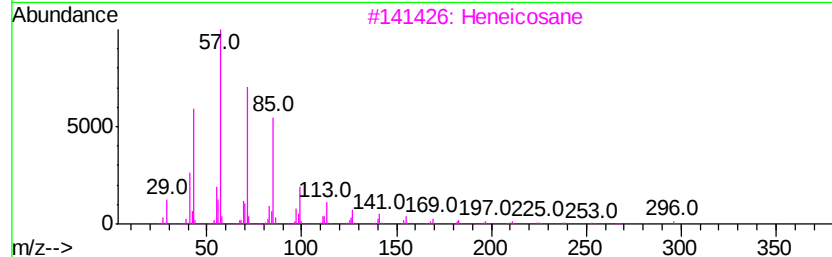
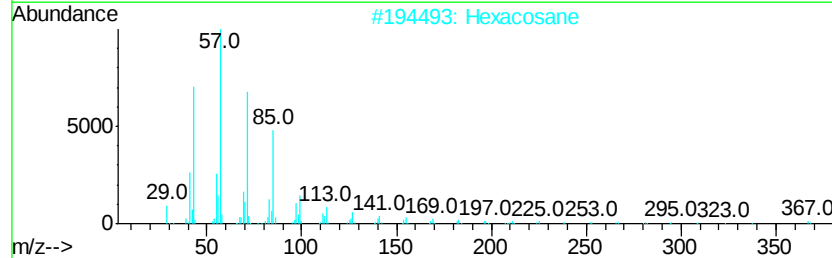
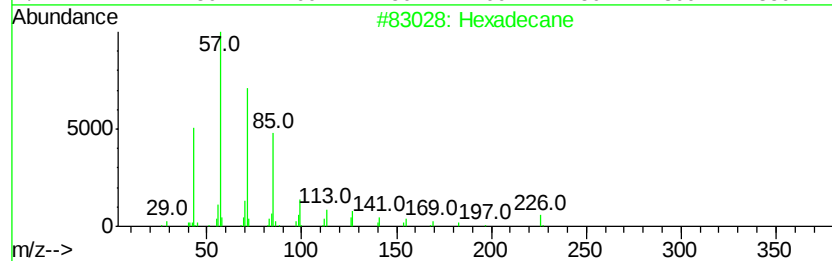
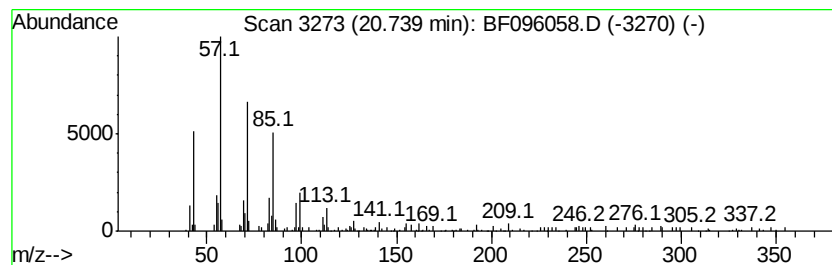
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	10.20 ng	145249	Perylene-d12	19.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		2-methyltetracosane	352	C25H52	1000376-72-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062017\
 Data File : BF096058.D
 Acq On : 20 Jun 2017 22:24
 Operator : SJ/MA
 Sample : I3793-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
unknown4.46	4.46	3.3	ng	62085	1	7.29	378985	20.0
unknown6.95	6.95	78.7	ng	1491060	1	7.29	378985	20.0
Tetracosane	16.35	11.0	ng	210071	4	14.54	382966	20.0
Heneicosane	16.86	31.4	ng	584844	5	18.27	372258	20.0
Hexacosane	17.33	44.4	ng	826283	5	18.27	372258	20.0
Heptacosane	17.78	46.7	ng	869227	5	18.27	372258	20.0
Eicosane, 2-methyl-	18.04	2.6	ng	48548	5	18.27	372258	20.0
Pentacosane	18.45	3.2	ng	59467	5	18.27	372258	20.0
Tricosane	18.84	3.2	ng	59751	5	18.27	372258	20.0
Eicosane	18.99	34.9	ng	648989	5	18.27	372258	20.0
Heptadecane	19.35	37.1	ng	527906	6	19.94	284897	20.0
Hexadecane, 5-butyl-	20.38	15.9	ng	226488	6	19.94	284897	20.0
Hexadecane	20.74	10.2	ng	145249	6	19.94	284897	20.0