

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101286.D
 Acq On : 11 Dec 2017 13:48
 Operator : SJ/JU
 Sample : I6746-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(30-40)

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-BF113017.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	2.116	3	5	20	rVB	35677	58517	2.91%	0.383%
2	5.069	503	507	517	rBV	70671	125646	6.24%	0.823%
3	5.457	568	573	576	rBV	1485304	1579121	78.45%	10.340%
4	6.475	740	746	749	rBV	1448709	1671261	83.03%	10.943%
5	6.604	763	768	771	rBV	1742561	1693695	84.15%	11.090%
6	6.828	803	806	814	rBV	359274	292298	14.52%	1.914%
7	6.987	828	833	836	rBV	1428714	1278332	63.51%	8.370%
8	7.398	898	903	906	rBV	967650	1043203	51.83%	6.831%
9	8.110	1020	1024	1037	rBB	451780	384408	19.10%	2.517%
10	9.192	1202	1208	1211	rBV	2051301	2012791	100.00%	13.180%
11	9.292	1222	1225	1229	rBB	30704	25464	1.27%	0.167%
12	9.580	1270	1274	1277	rBV	213827	161072	8.00%	1.055%
13	9.869	1319	1323	1327	rBV	525362	433304	21.53%	2.837%
14	10.669	1454	1459	1462	rBV	1275740	1190553	59.15%	7.796%
15	11.363	1573	1577	1580	rBV	539465	452466	22.48%	2.963%
16	11.569	1608	1612	1620	rBV2	24119	28041	1.39%	0.184%
17	12.392	1748	1752	1757	rBV	32035	35269	1.75%	0.231%
18	12.445	1757	1761	1763	rVB2	25481	20181	1.00%	0.132%
19	12.951	1842	1847	1850	rBV	1959995	1877481	93.28%	12.294%
20	14.010	2023	2027	2031	rBV	443148	379063	18.83%	2.482%
21	15.486	2271	2278	2284	rVB	214399	291990	14.51%	1.912%
22	15.898	2343	2348	2353	rVB2	33642	48004	2.38%	0.314%
23	16.398	2427	2433	2441	rVB3	32153	58202	2.89%	0.381%
24	16.986	2526	2533	2540	rBV5	25188	51269	2.55%	0.336%
25	17.674	2644	2650	2661	rVB4	19206	47702	2.37%	0.312%
26	18.498	2786	2790	2802	rVB6	12514	32710	1.63%	0.214%

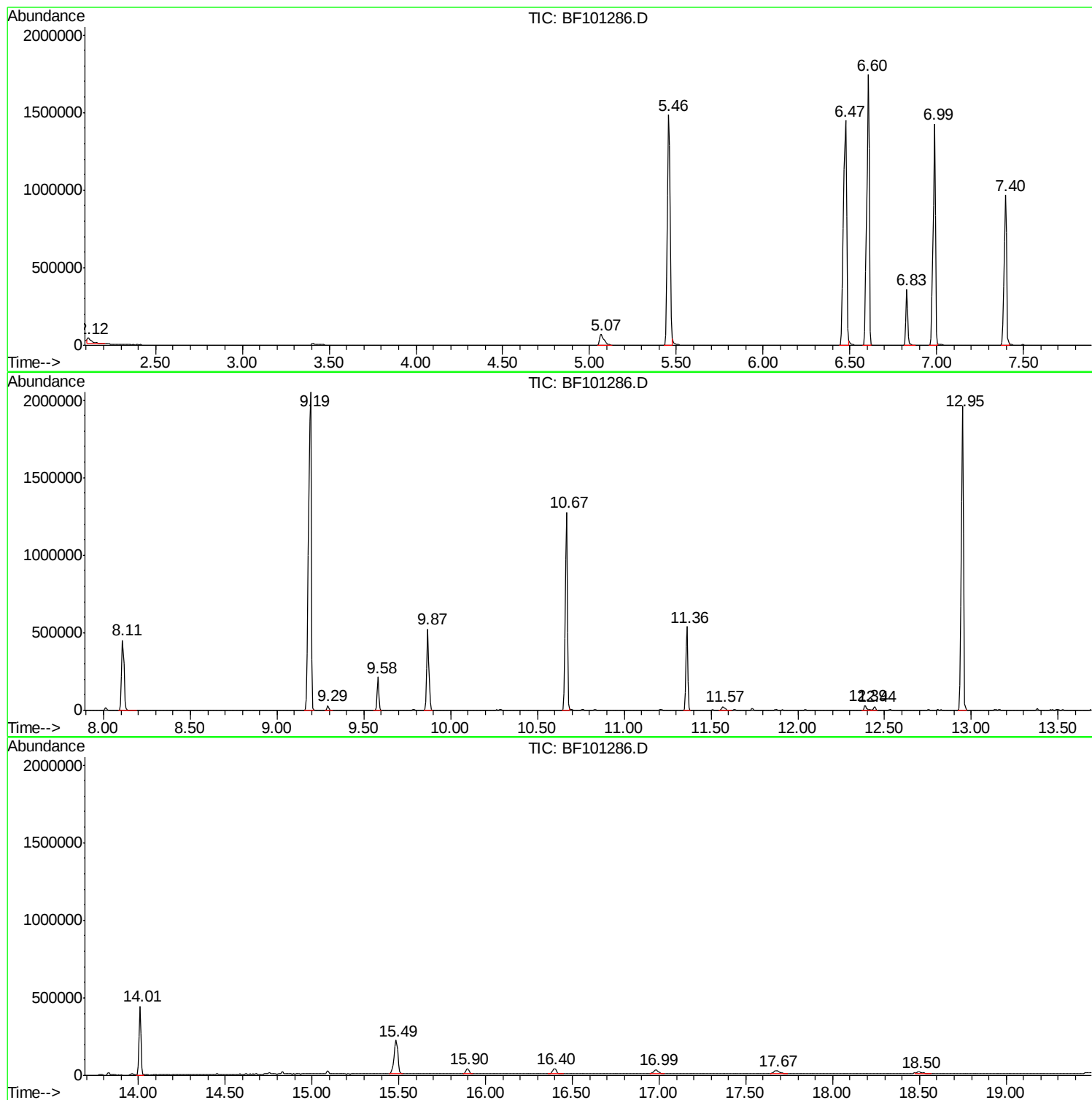
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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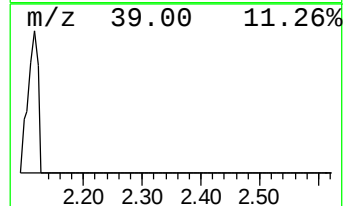
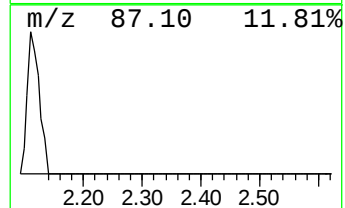
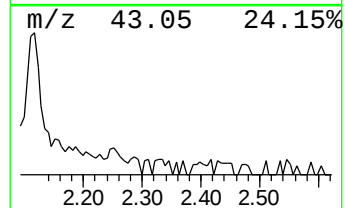
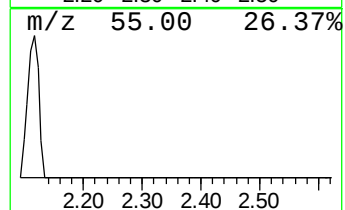
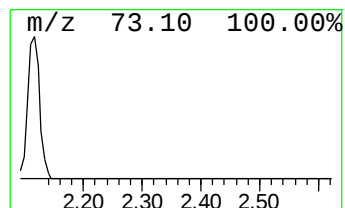
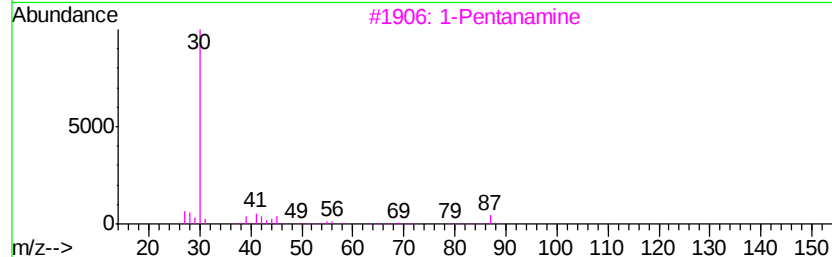
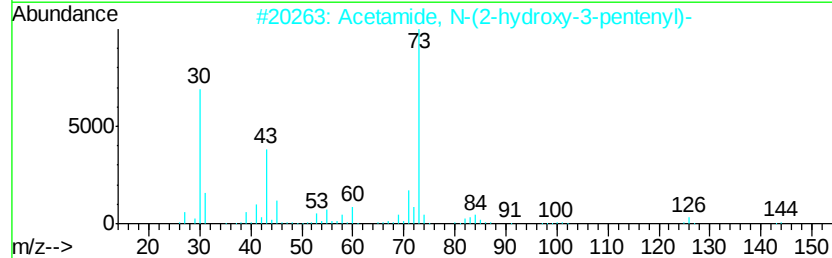
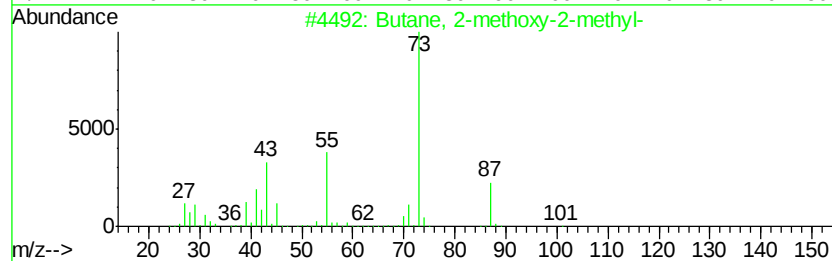
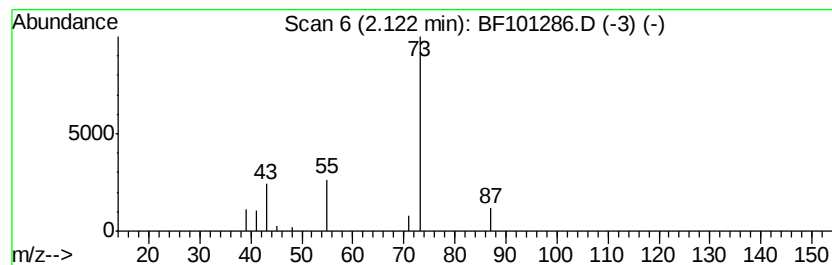
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.12 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	4.00 ng	58517	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
2		Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	9
3		1-Pentanamine	87	C5H13N	000110-58-7	7
4		4-Pentalenal	84	C5H8O	002100-17-6	7
5		Isobutylamine	73	C4H11N	000078-81-9	5



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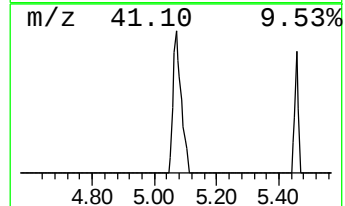
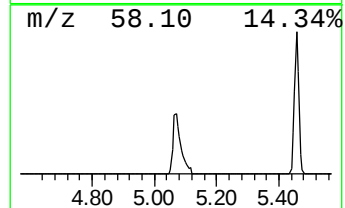
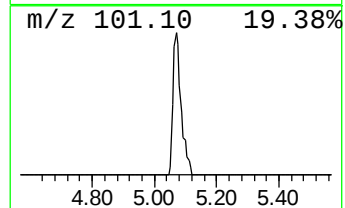
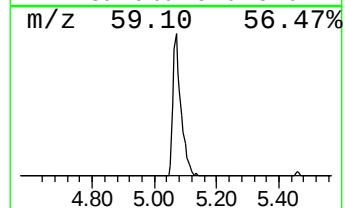
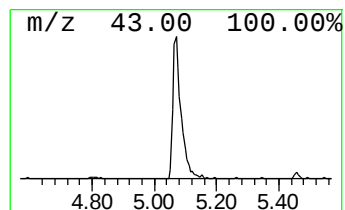
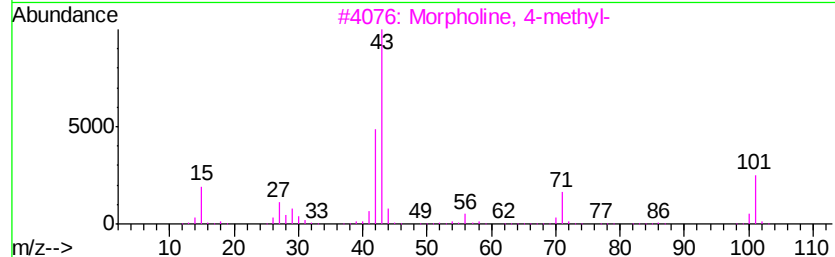
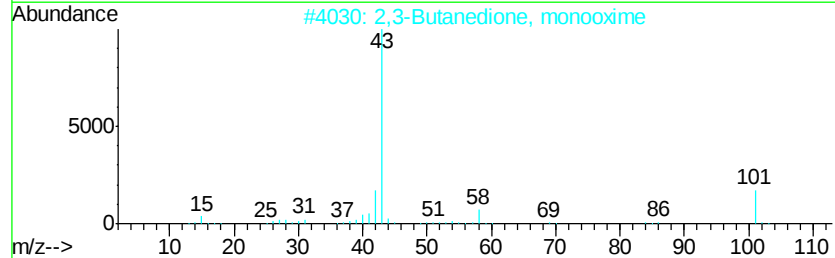
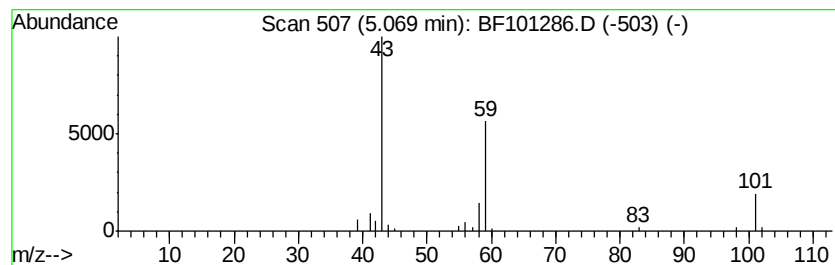
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	8.60 ng	125646	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5		Silane, trimethyl-	74	C3H10Si	000993-07-7	9



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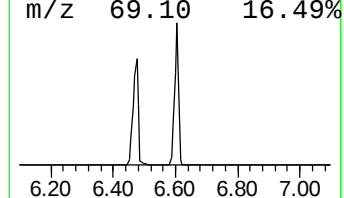
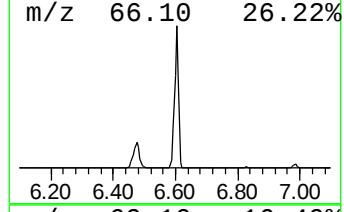
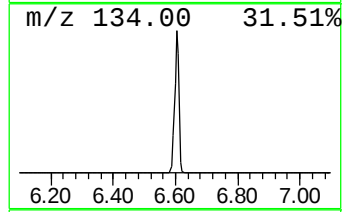
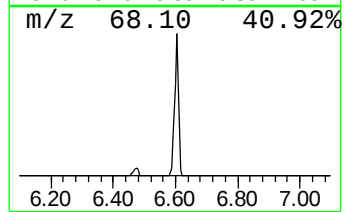
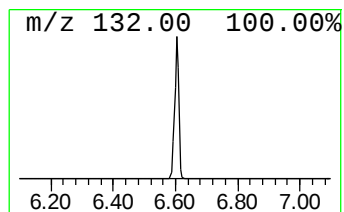
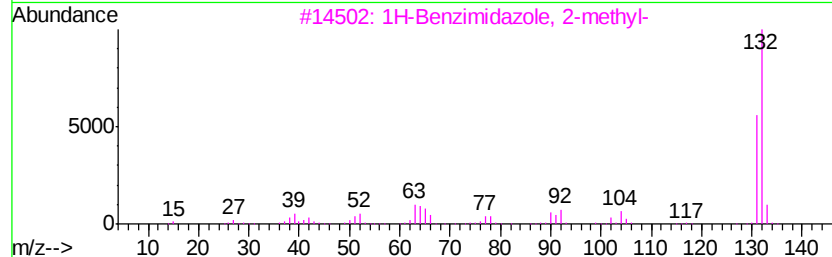
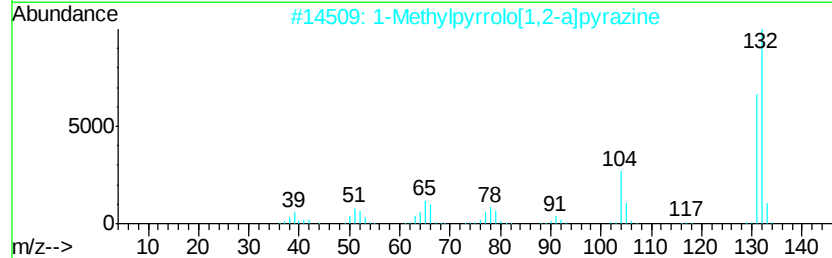
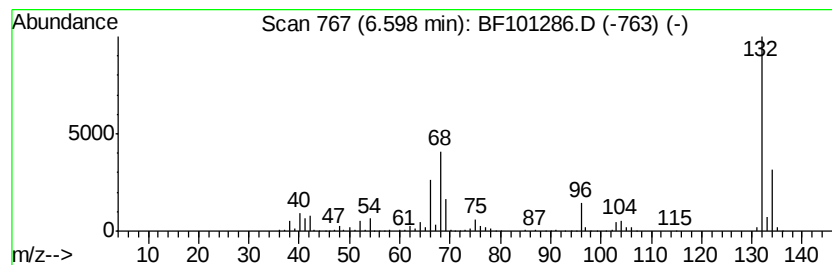
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	115.89 ng	1693700	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4			(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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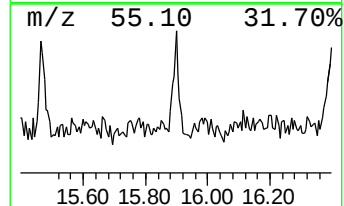
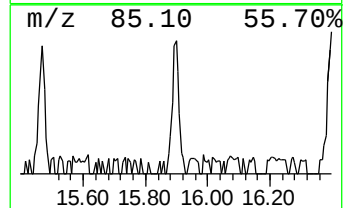
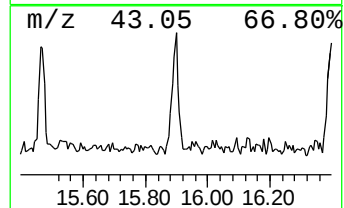
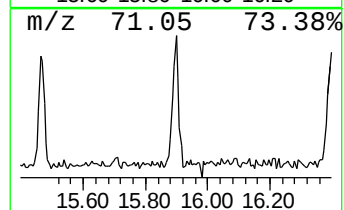
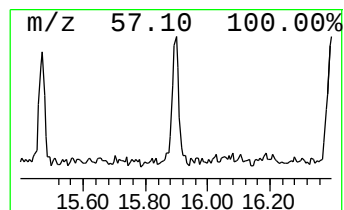
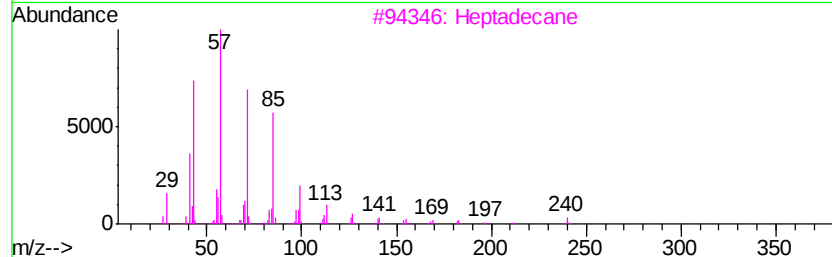
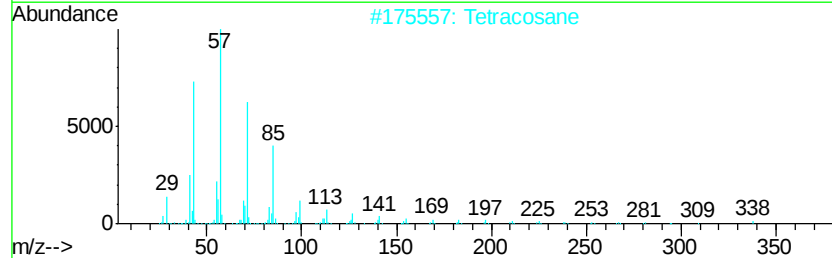
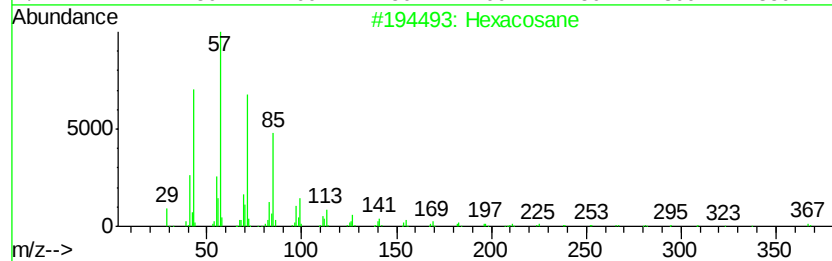
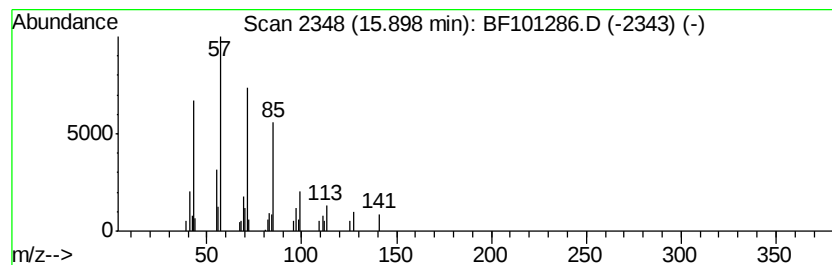
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.29 ng	48004	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octadecane	254	C18H38	000593-45-3	83



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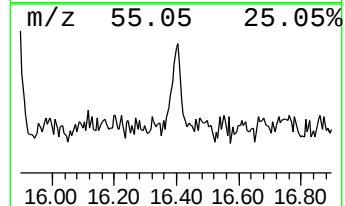
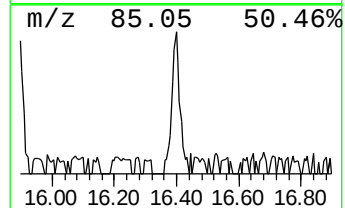
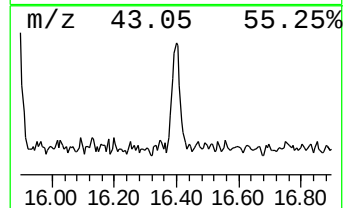
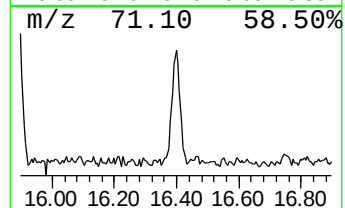
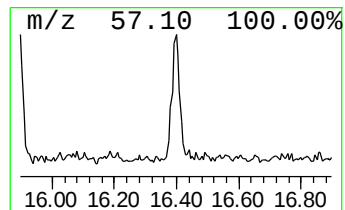
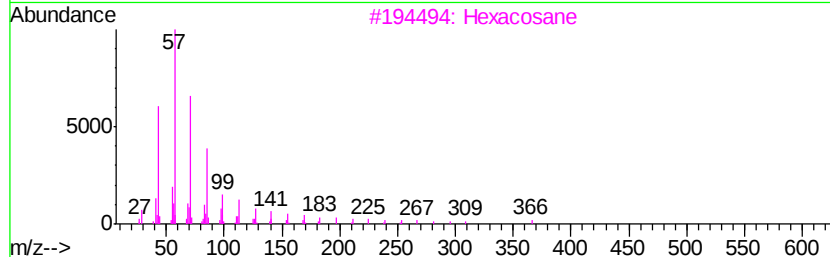
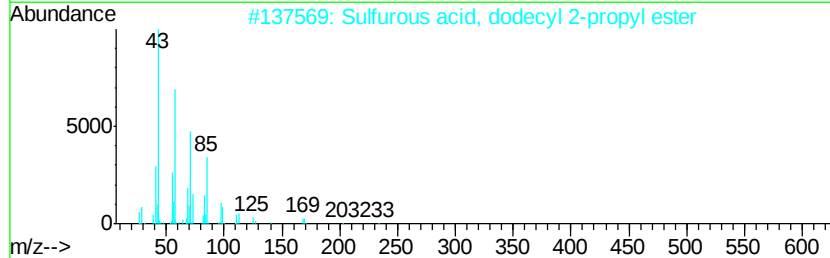
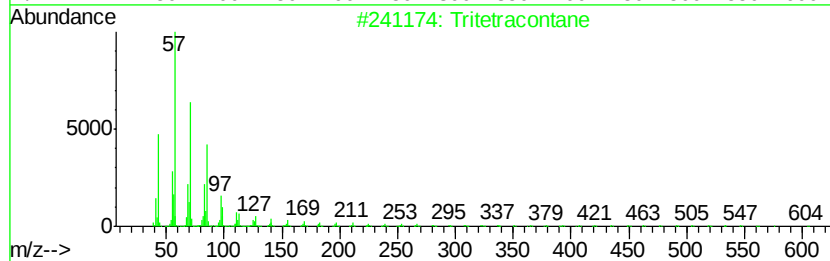
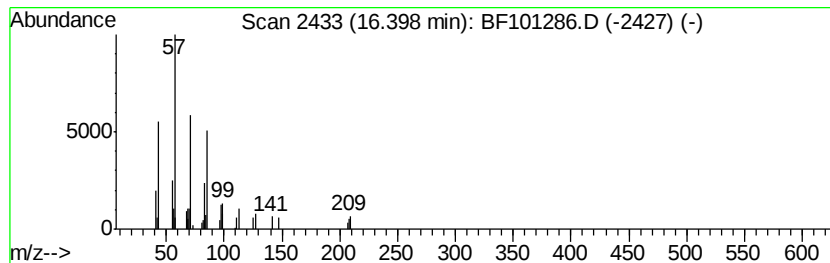
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tritetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.99 ng	58202	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	86
2		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	78
3		Hexacosane	366	C26H54	000630-01-3	72
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72



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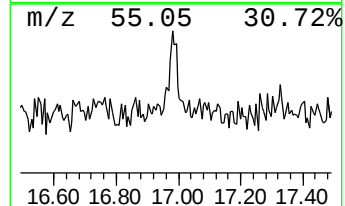
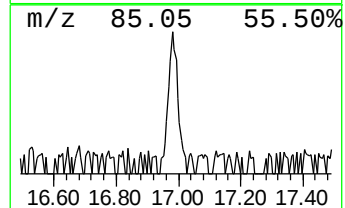
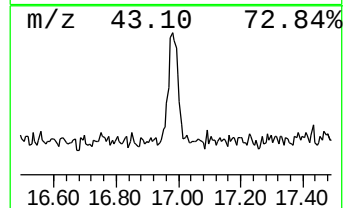
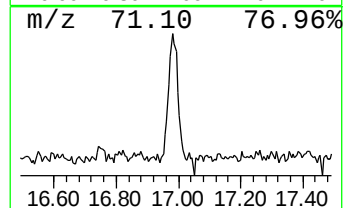
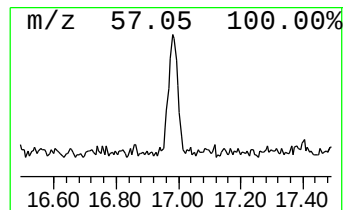
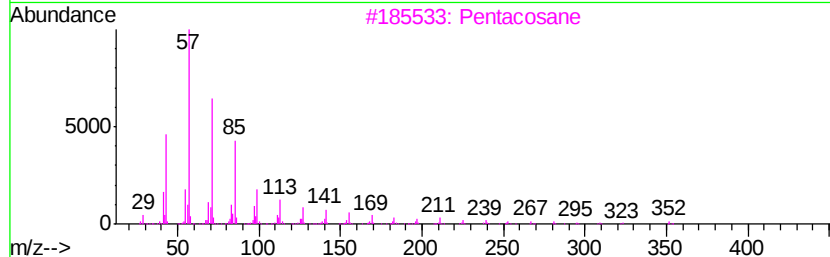
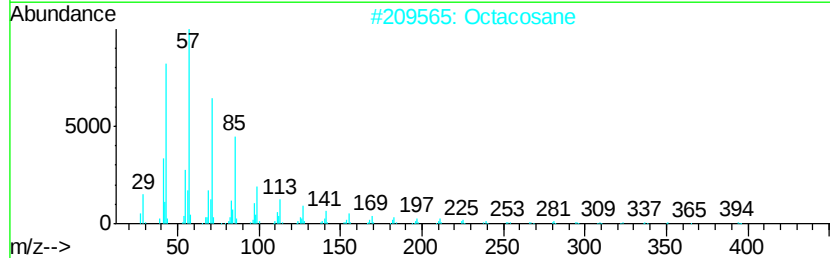
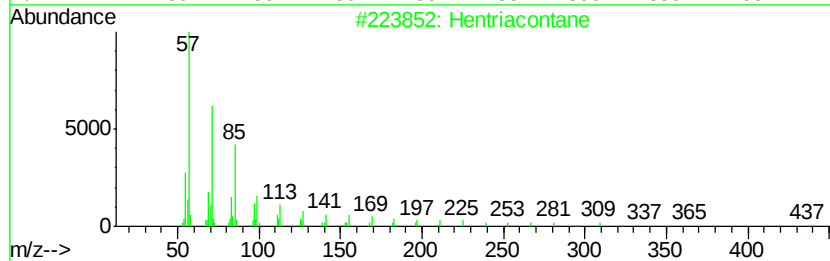
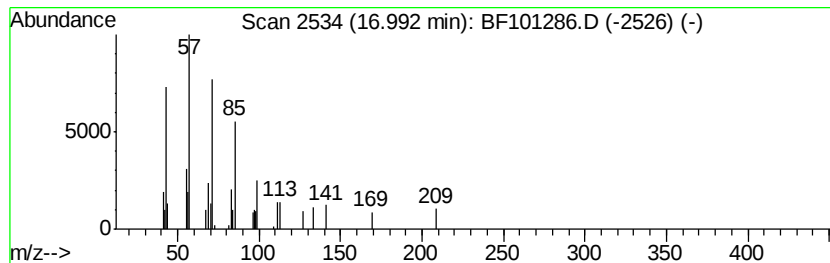
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	3.51 ng	51269	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Octacosane	394	C28H58	000630-02-4	86
3			Pentacosane	352	C25H52	000629-99-2	86
4			Heptacosane	380	C27H56	000593-49-7	80
5			2-methyloctacosane	408	C29H60	1000376-72-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121117\
Data File : BF101286.D
Acq On : 11 Dec 2017 13:48
Operator : SJ/JU
Sample : I6746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

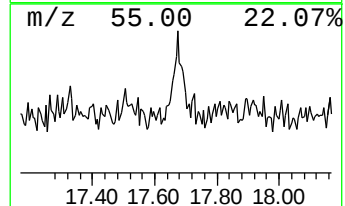
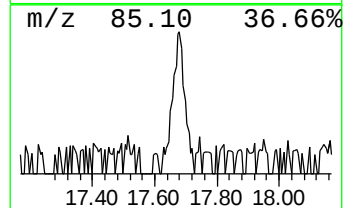
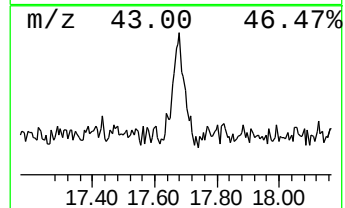
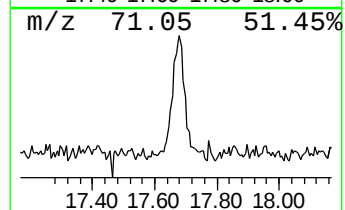
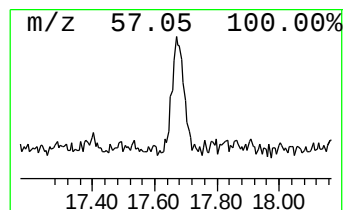
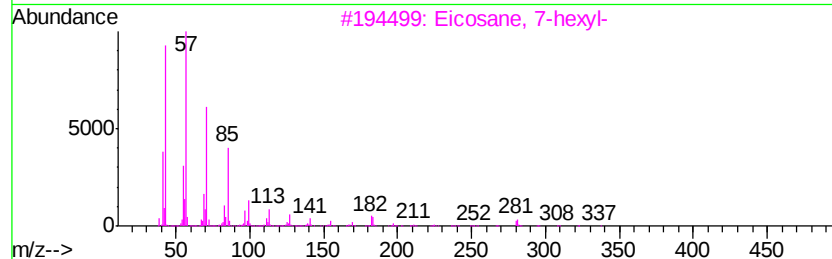
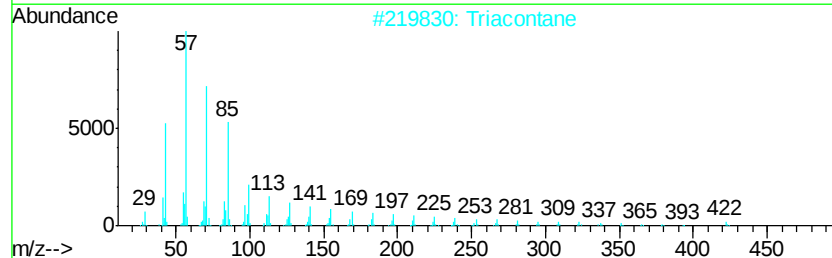
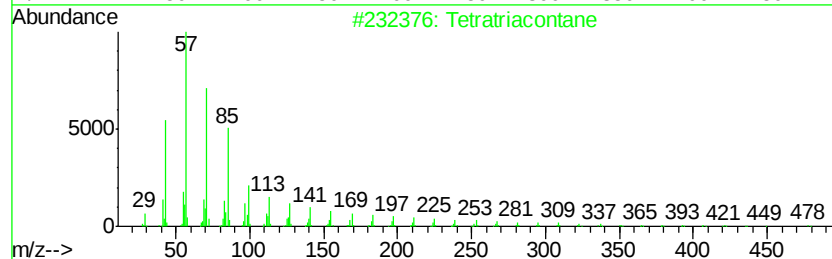
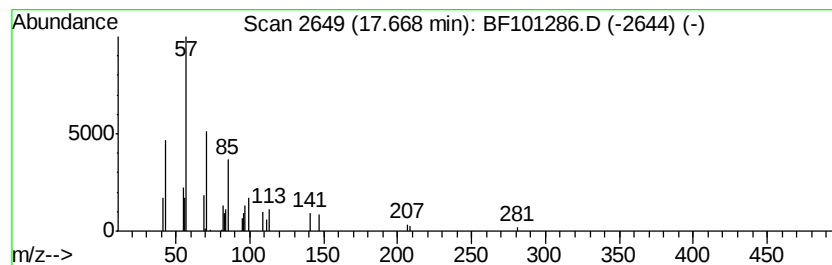
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetratriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.27 ng	47702	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	50
2		Triacontane	422	C30H62	000638-68-6	50
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	50
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	50
5		Tetracontane	563	C40H82	004181-95-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121117\
Data File : BF101286.D
Acq On : 11 Dec 2017 13:48
Operator : SJ/JU
Sample : I6746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

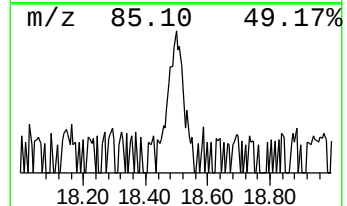
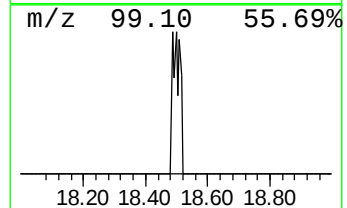
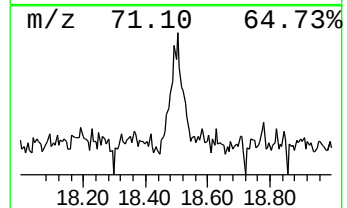
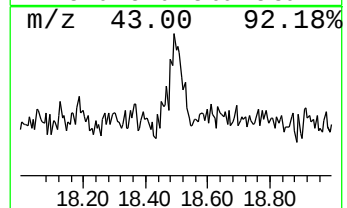
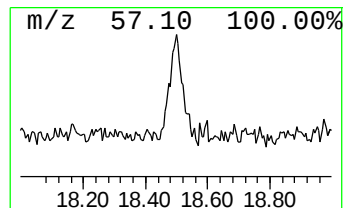
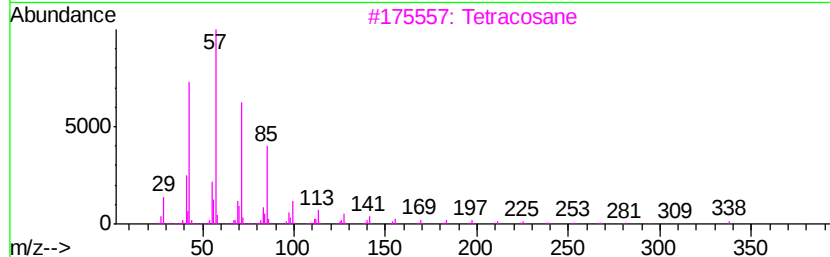
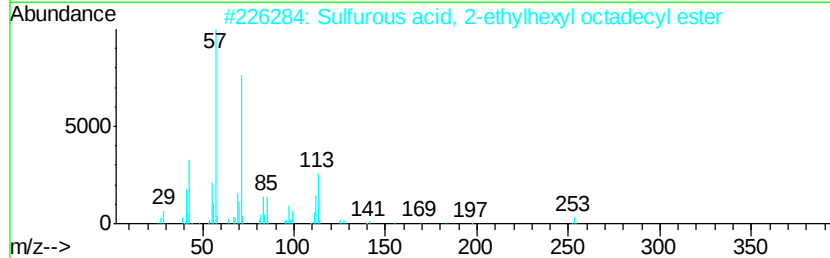
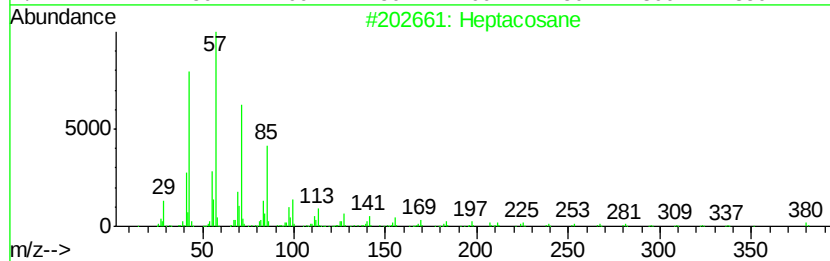
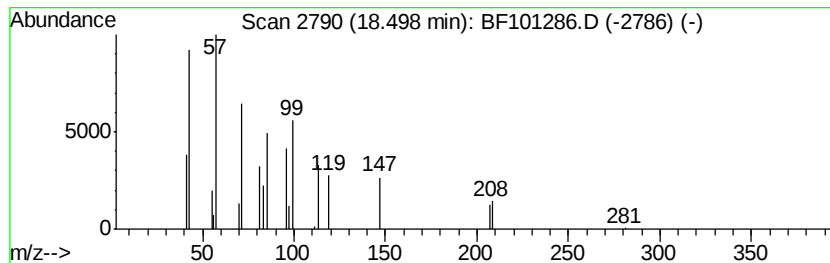
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown18.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.24 ng	32710	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	27
2		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	22
3		Tetracosane	338	C24H50	000646-31-1	16
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	16
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121117\
Data File : BF101286.D
Acq On : 11 Dec 2017 13:48
Operator : SJ/JU
Sample : I6746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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...	5.07	8.6	ng	125646	1	6.83	292298	20.0
unknown6.60	6.60	115.9	ng	1693700	1	6.83	292298	20.0
Hexacosane	15.90	3.3	ng	48004	6	15.49	291990	20.0
Tritetracontane	16.40	4.0	ng	58202	6	15.49	291990	20.0
Hentriacontane	16.99	3.5	ng	51269	6	15.49	291990	20.0
Tetratriacontane	17.67	3.3	ng	47702	6	15.49	291990	20.0
unknown18.50	18.50	2.2	ng	32710	6	15.49	291990	20.0