

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110511.D
 Acq On : 6 Nov 2018 13:24
 Operator : JU/SJ
 Sample : J5827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.310	31	38	47	rVB	401400	547475	22.41%	2.601%
2	5.204	526	530	542	rBV	66196	92980	3.81%	0.442%
3	5.581	590	594	615	rBV	2147601	2166739	88.68%	10.294%
4	6.581	759	764	784	rBV	2110372	2408516	98.57%	11.442%
5	6.728	784	789	792	rBV	2365064	2314370	94.72%	10.995%
6	6.951	824	827	833	rBV	658098	590158	24.15%	2.804%
7	7.110	850	854	870	rVB	2027140	1779271	72.82%	8.453%
8	7.522	918	924	942	rBV	1304041	1437796	58.84%	6.831%
9	8.239	1041	1046	1066	rBV	654530	763851	31.26%	3.629%
10	9.310	1224	1228	1244	rVB	2813348	2443432	100.00%	11.608%
11	9.704	1291	1295	1303	rBV	203133	217785	8.91%	1.035%
12	9.998	1341	1345	1358	rVB	755683	790337	32.35%	3.755%
13	10.786	1475	1479	1493	rBV	1228208	1229226	50.31%	5.840%
14	11.486	1595	1598	1607	rBV	621747	662896	27.13%	3.149%
15	11.986	1680	1683	1689	rBV	40342	47297	1.94%	0.225%
16	13.069	1863	1867	1870	rBV	1830689	1616513	66.16%	7.680%
17	13.274	1889	1902	1912	rBV7	21737	48835	2.00%	0.232%
18	13.945	2012	2016	2023	rBV	98742	126184	5.16%	0.599%
19	14.133	2044	2048	2057	rBV	482694	533025	21.81%	2.532%
20	14.263	2065	2070	2074	rBV	41722	43367	1.77%	0.206%
21	14.563	2118	2121	2128	rBV	57128	66303	2.71%	0.315%
22	14.880	2171	2175	2179	rVB	90590	90067	3.69%	0.428%
23	15.233	2229	2235	2240	rVB2	113766	143247	5.86%	0.681%
24	15.627	2298	2302	2304	rBV	116152	140745	5.76%	0.669%
25	15.662	2304	2308	2318	rVB	269315	396911	16.24%	1.886%
26	16.080	2374	2379	2387	rVB	100124	156221	6.39%	0.742%
27	16.609	2463	2469	2476	rBV2	61451	120117	4.92%	0.571%
28	17.239	2572	2576	2583	rVB5	24536	46649	1.91%	0.222%
29	17.980	2696	2702	2712	rVB5	9915	28584	1.17%	0.136%

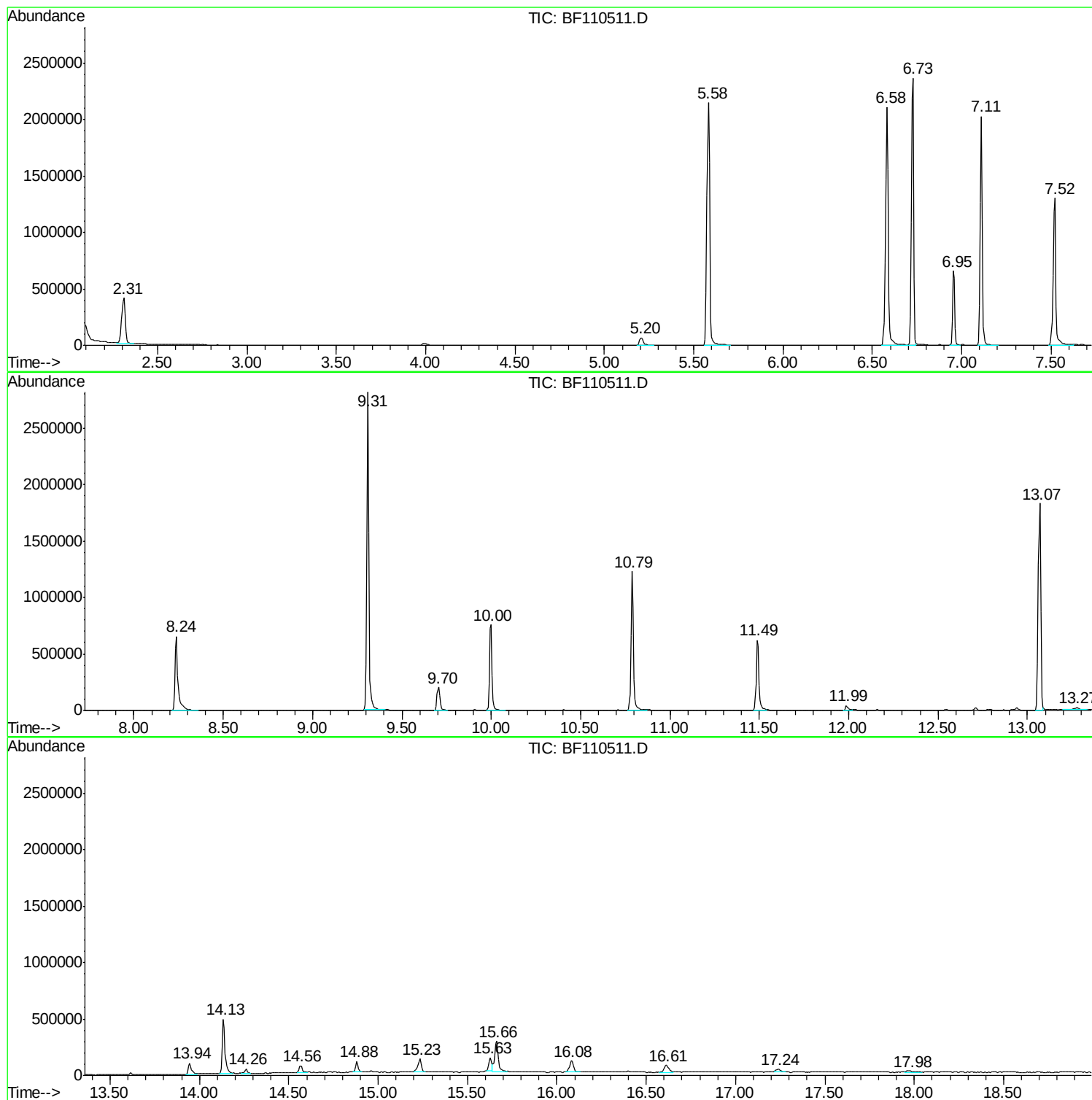
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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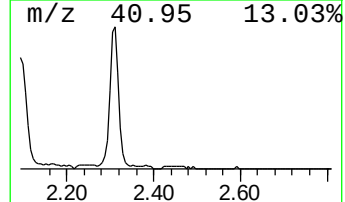
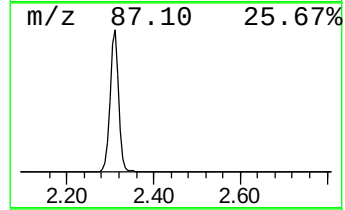
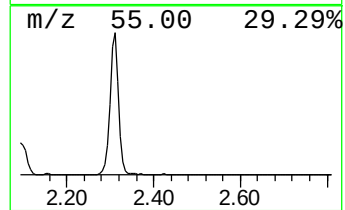
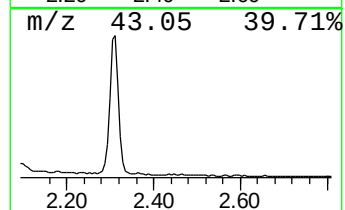
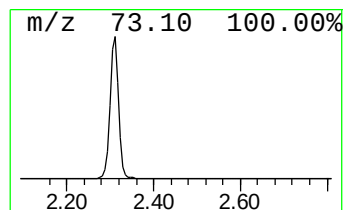
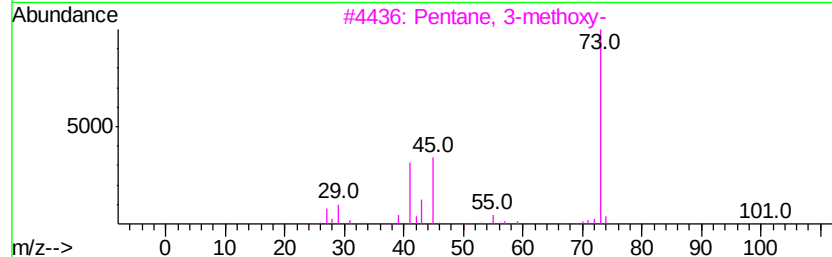
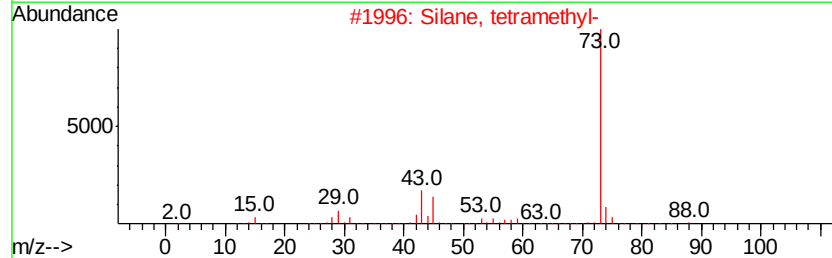
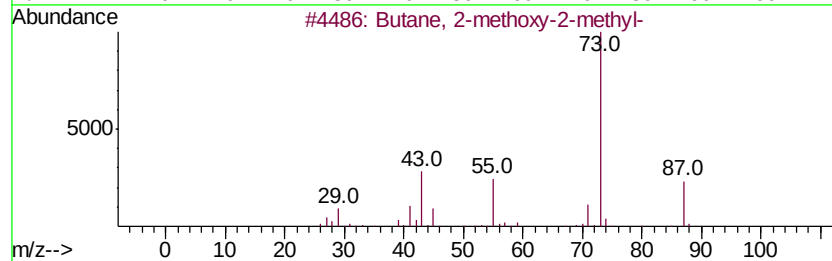
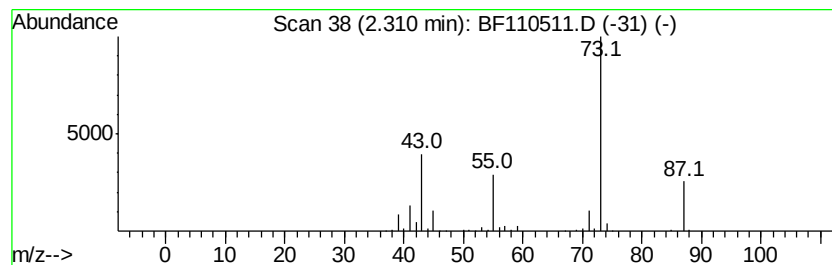
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	18.55 ng	547475	1,4-Dichlorobenzene-d4	6.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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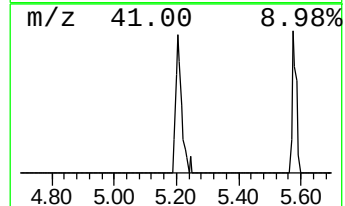
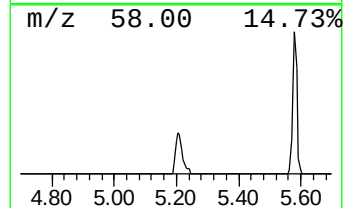
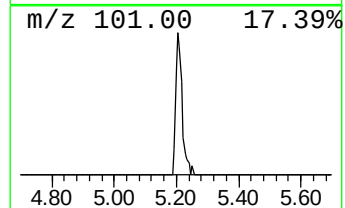
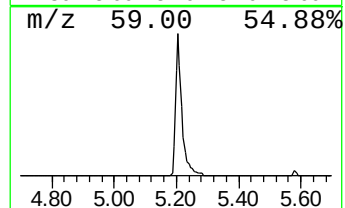
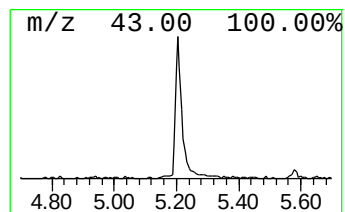
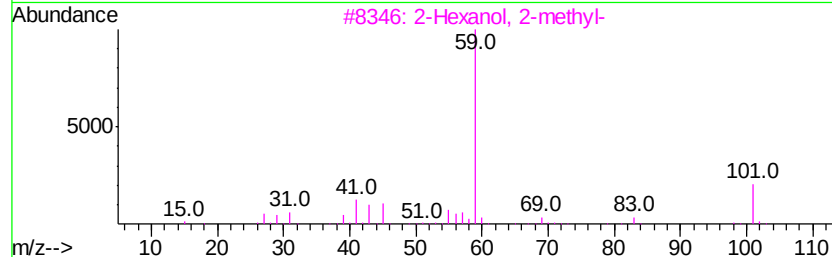
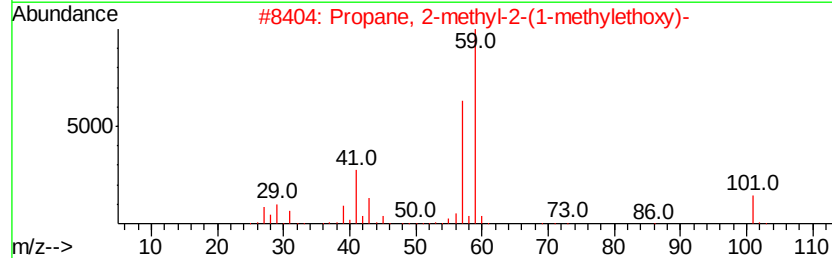
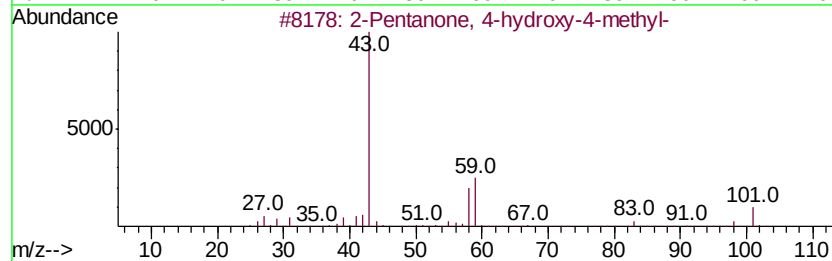
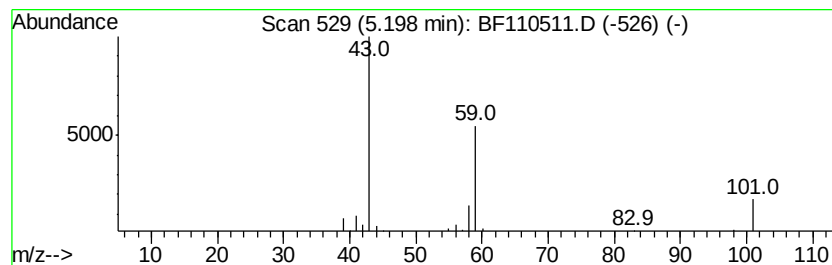
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.15 ng	92980	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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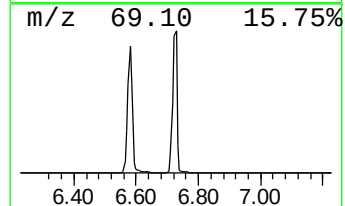
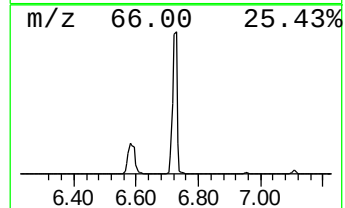
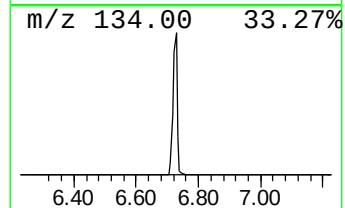
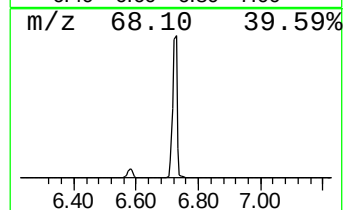
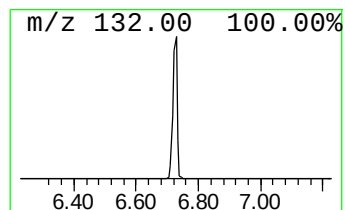
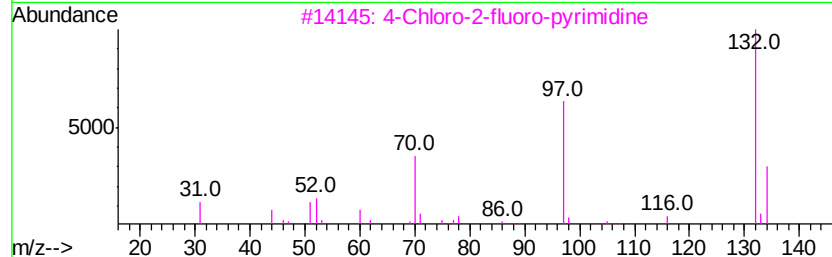
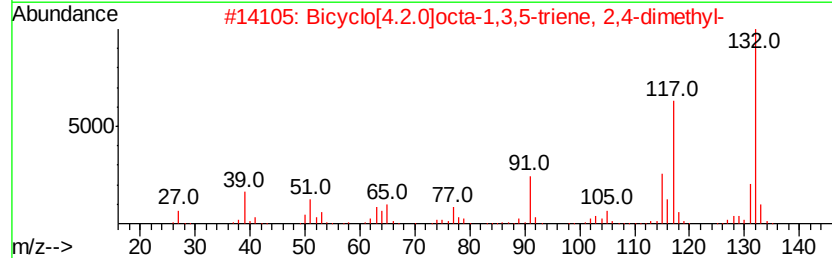
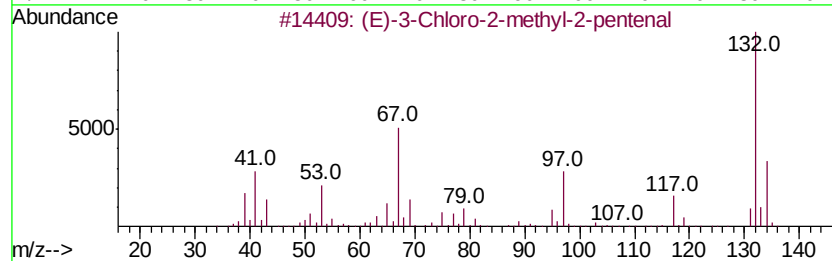
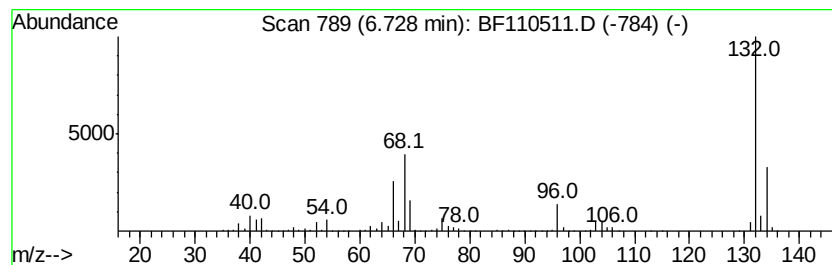
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Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	78.43 ng	2314370	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-2-fluoropyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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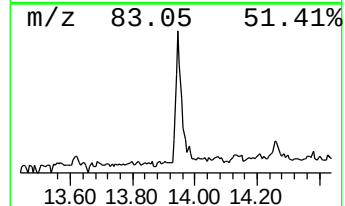
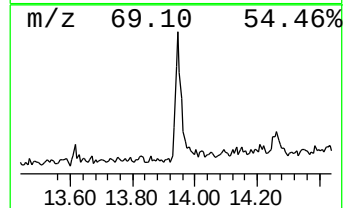
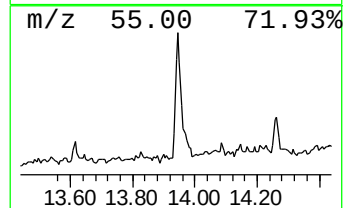
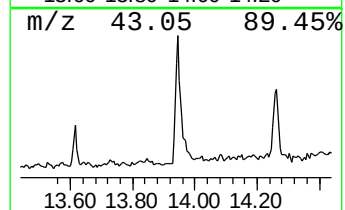
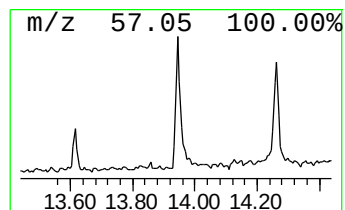
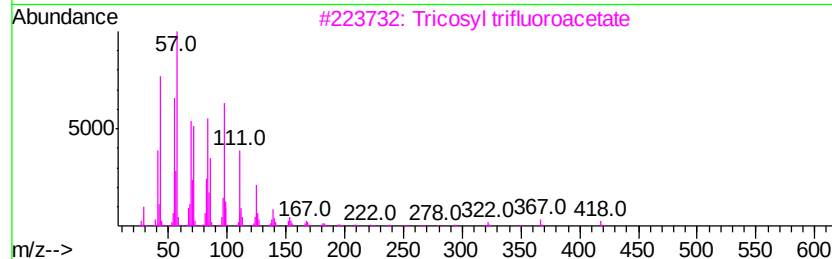
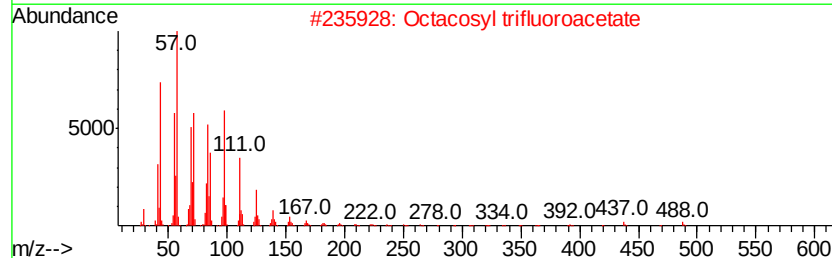
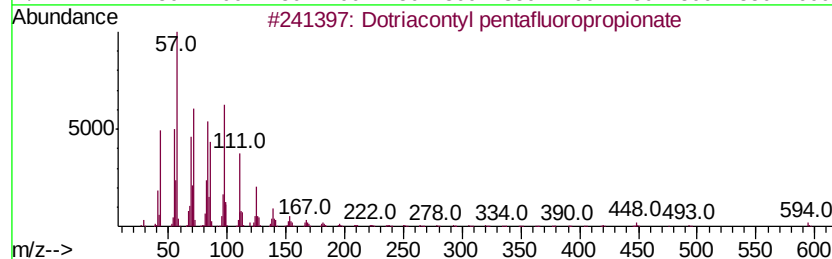
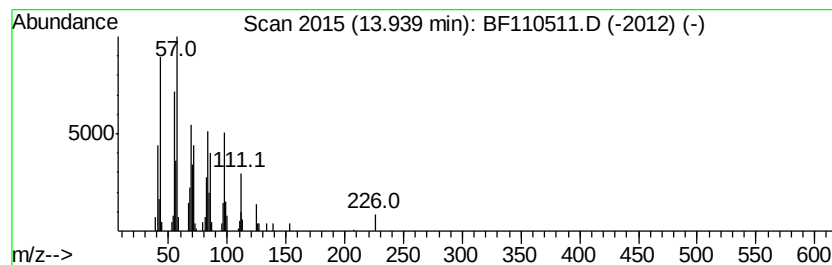
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Peak Number 5 Dotriacontyl pentafluoropro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.73 ng	126184	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91



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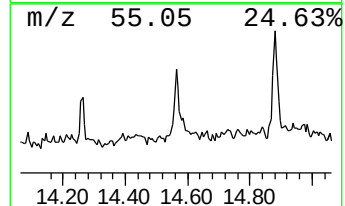
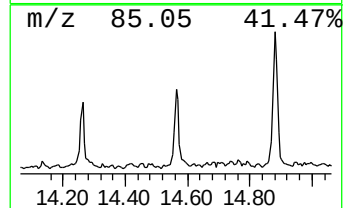
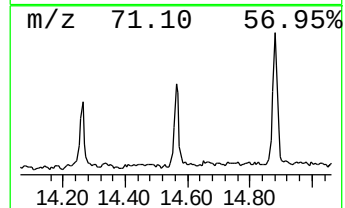
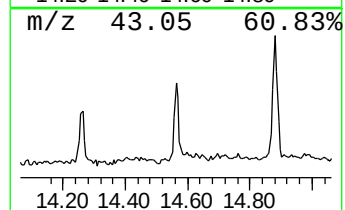
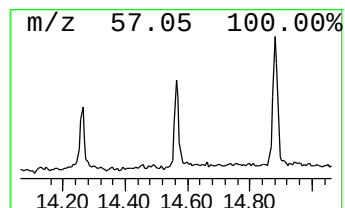
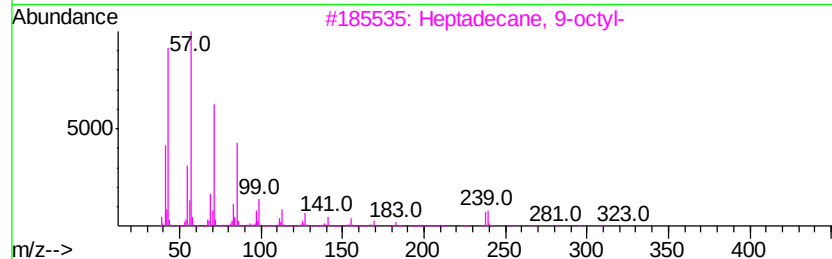
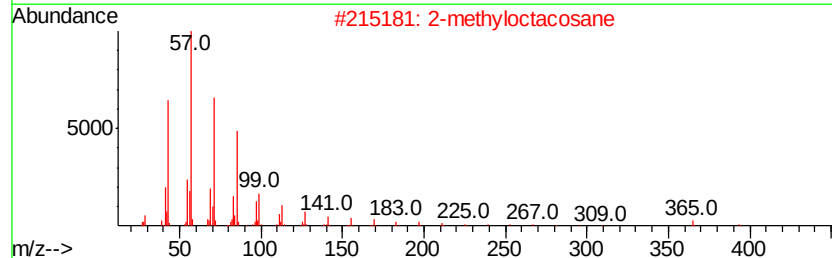
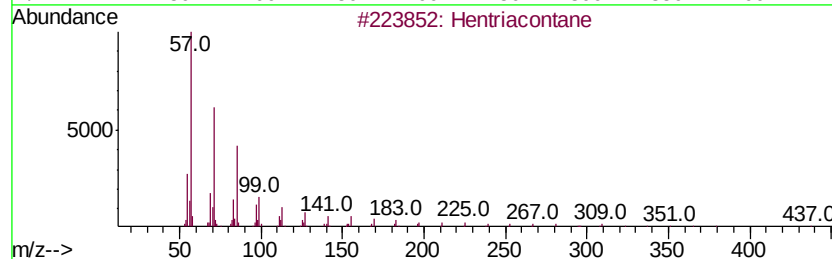
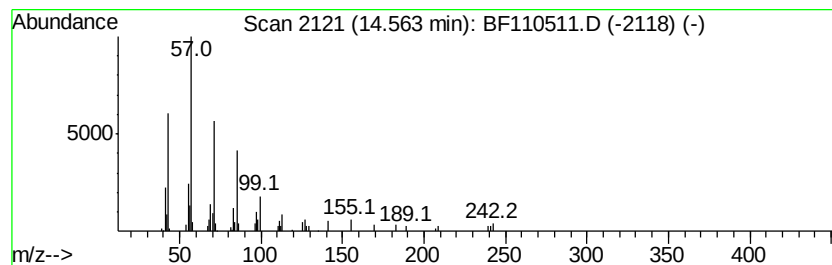
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.49 ng	66303	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Tetratetracontane		619	C44H90	007098-22-8	91
5	Heneicosane		296	C21H44	000629-94-7	90



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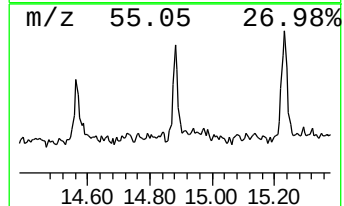
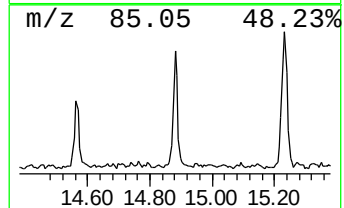
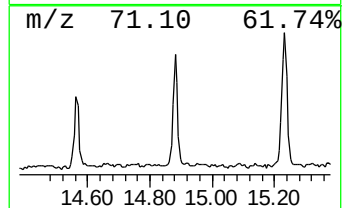
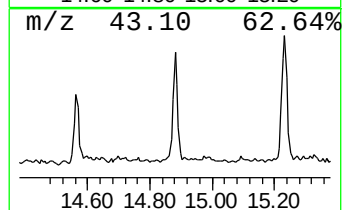
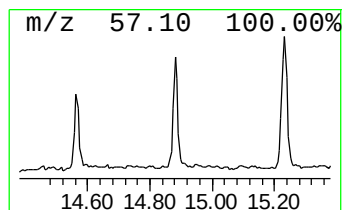
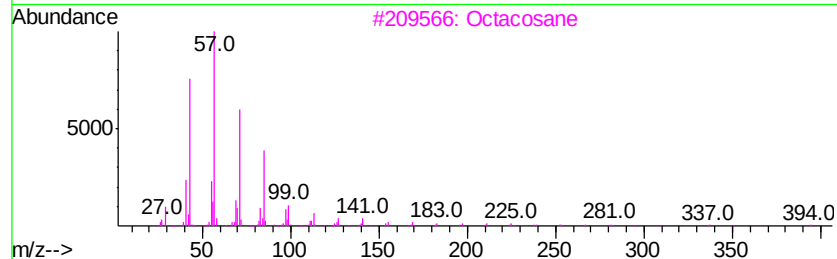
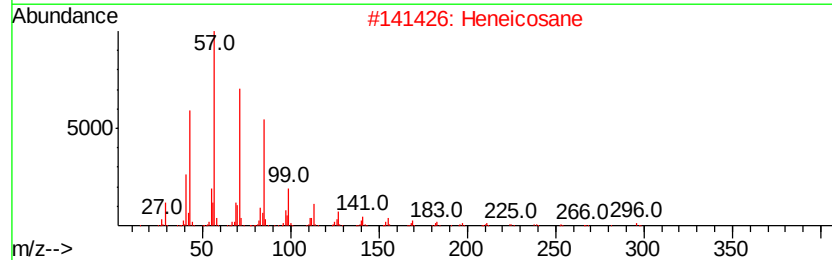
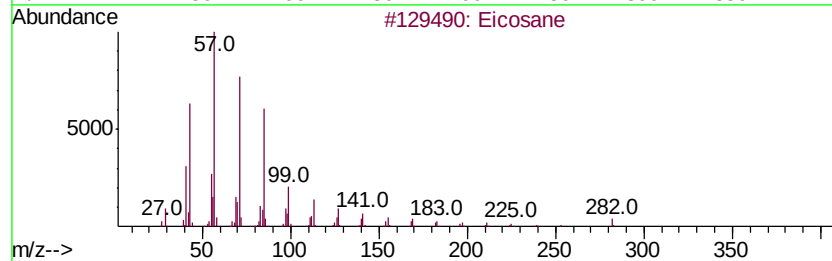
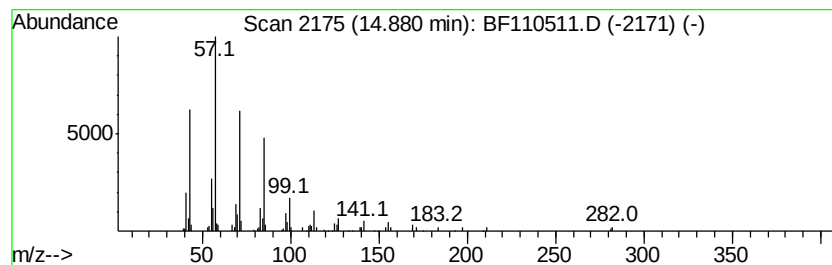
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.38 ng	90067	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110511.D
Acq On : 6 Nov 2018 13:24
Operator : JU/SJ
Sample : J5827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

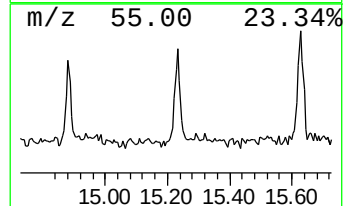
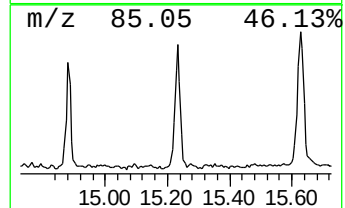
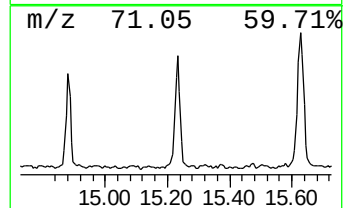
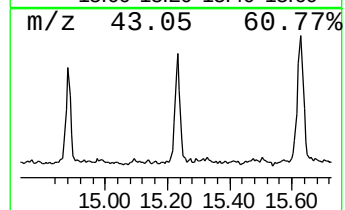
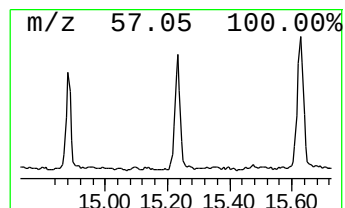
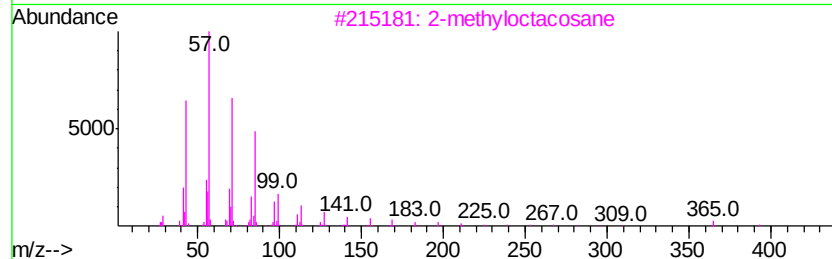
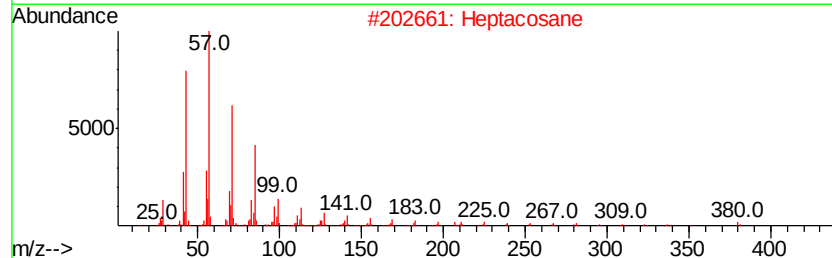
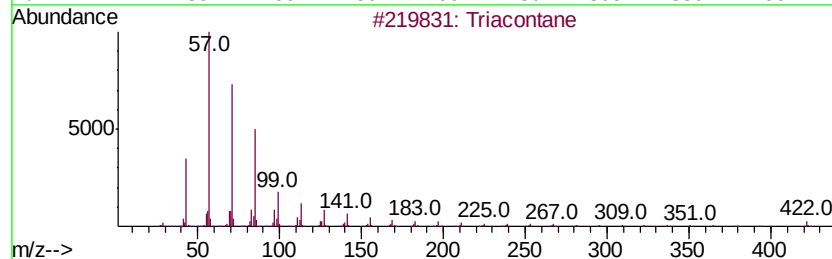
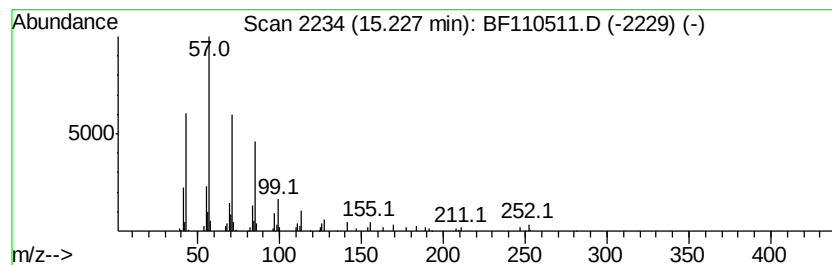
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	7.22 ng	143247	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110511.D
Acq On : 6 Nov 2018 13:24
Operator : JU/SJ
Sample : J5827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

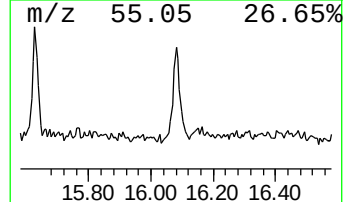
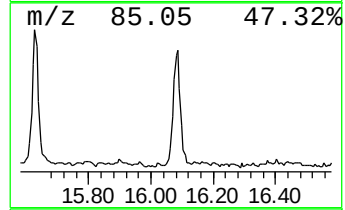
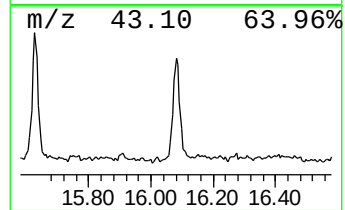
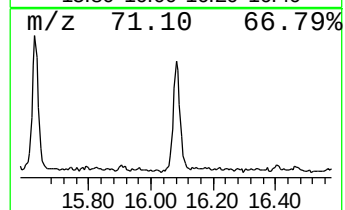
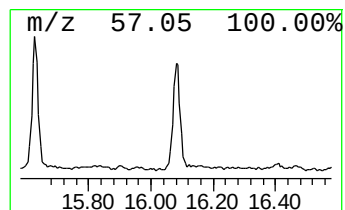
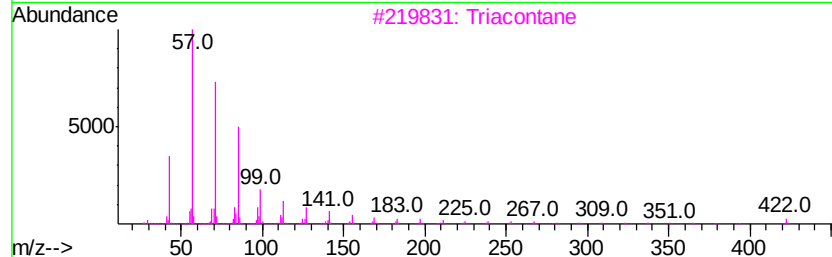
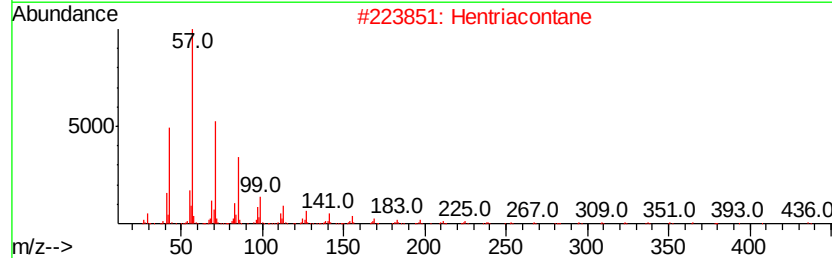
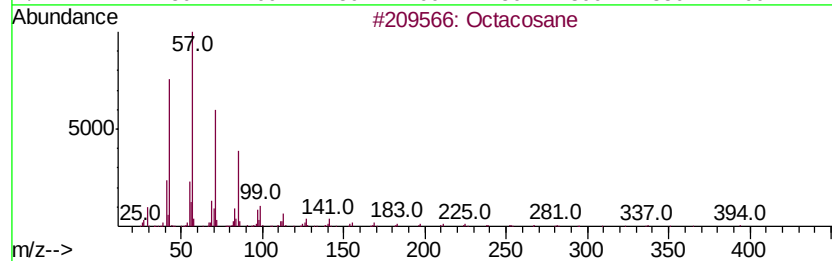
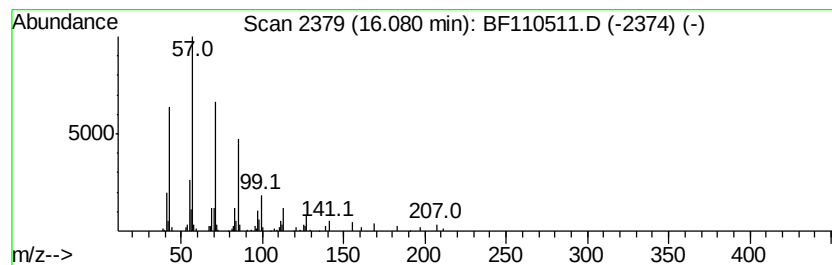
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	7.87 ng	156221	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110511.D
Acq On : 6 Nov 2018 13:24
Operator : JU/SJ
Sample : J5827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

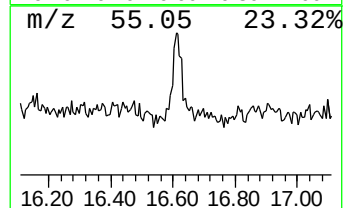
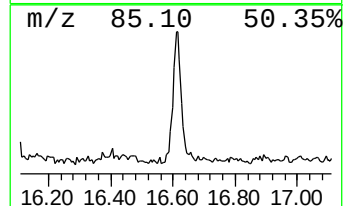
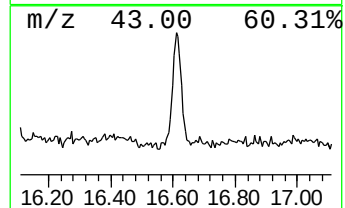
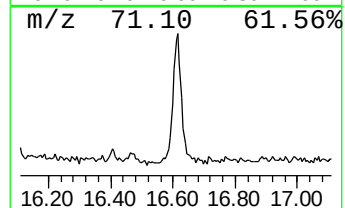
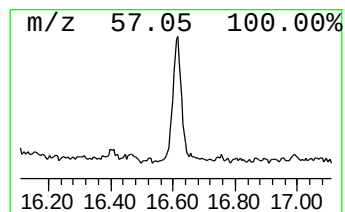
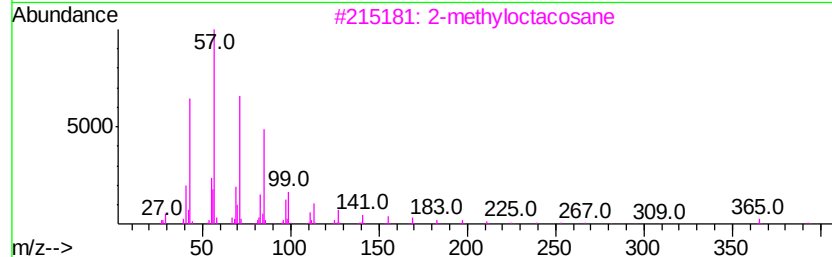
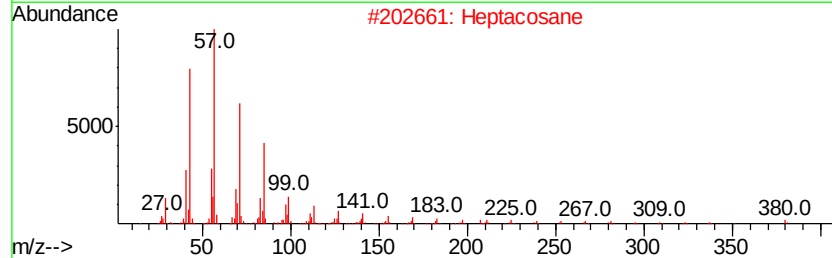
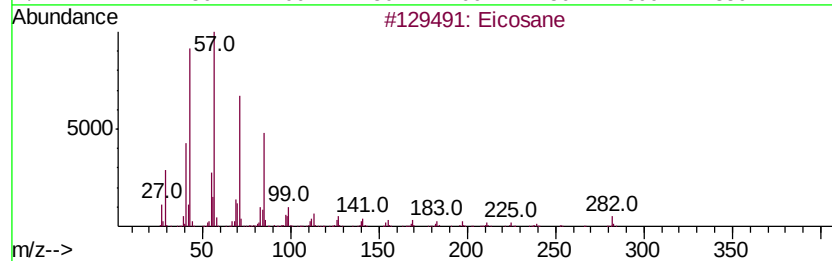
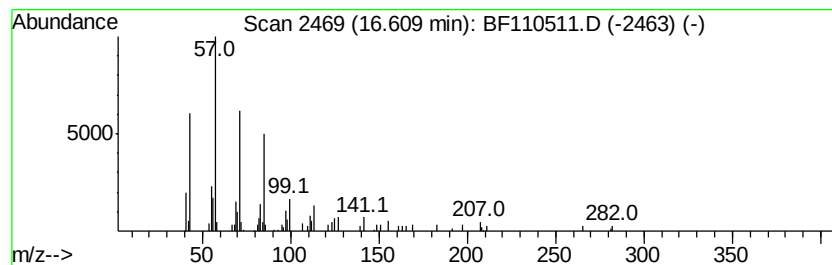
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	6.05 ng	120117	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110511.D
Acq On : 6 Nov 2018 13:24
Operator : JU/SJ
Sample : J5827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A

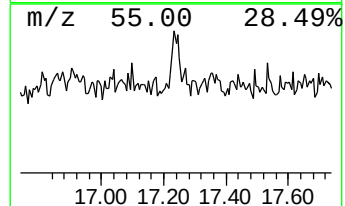
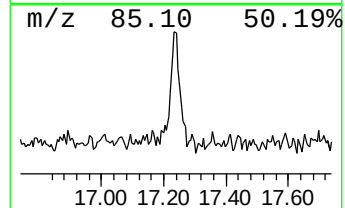
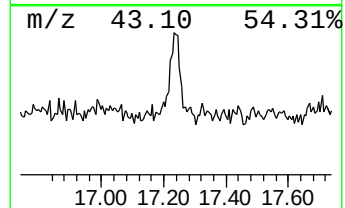
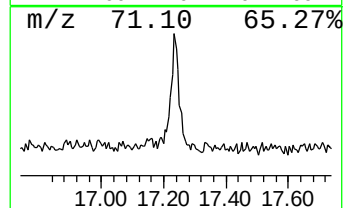
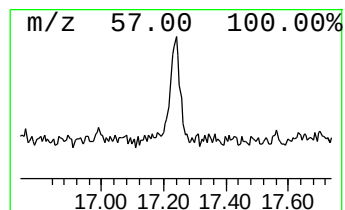
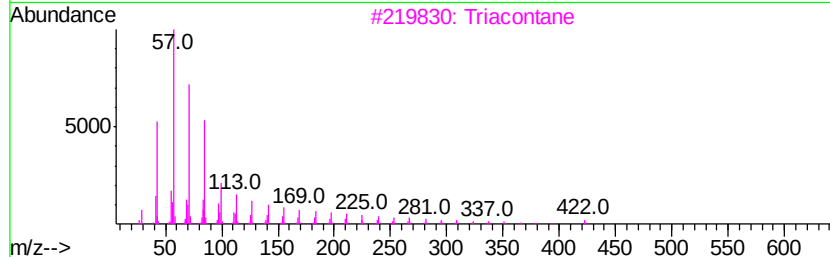
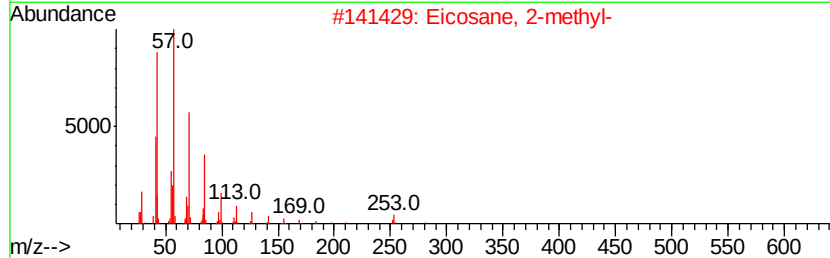
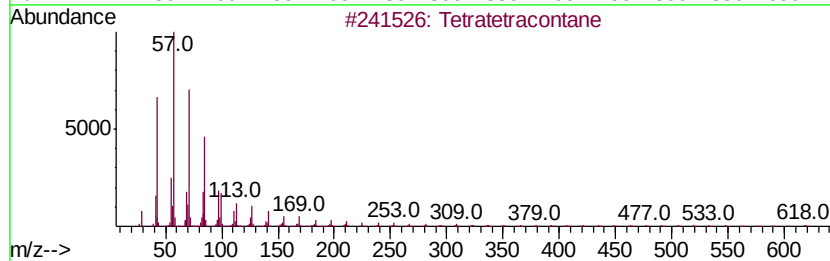
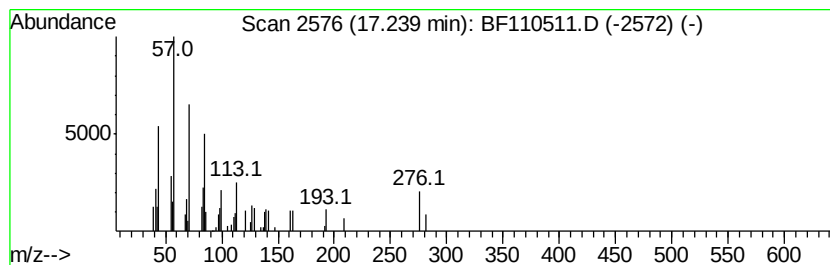
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	2.35 ng	46649	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	47
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	47
3		Triacontane	422	C30H62	000638-68-6	47
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	47
5		Tetratriacontane	479	C34H70	014167-59-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110618\
 Data File : BF110511.D
 Acq On : 6 Nov 2018 13:24
 Operator : JU/SJ
 Sample : J5827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	5.20	3.1	ng	92980	1	6.95	590158	20.0
unknown6.73	6.73	78.4	ng	2314370	1	6.95	590158	20.0
Dotriacontyl pent...	13.94	4.7	ng	126184	5	14.13	533025	20.0
Hentriacontane	14.56	2.5	ng	66303	5	14.13	533025	20.0
Eicosane	14.88	3.4	ng	90067	5	14.13	533025	20.0
Triacontane	15.23	7.2	ng	143247	6	15.66	396911	20.0
Octacosane	16.08	7.9	ng	156221	6	15.66	396911	20.0
Heptacosane	16.61	6.0	ng	120117	6	15.66	396911	20.0
unknown17.24	17.24	2.4	ng	46649	6	15.66	396911	20.0