

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113379.D
 Acq On : 28 Mar 2019 17:38
 Operator : JU/SJ
 Sample : K2107-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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-BF032519.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	5.322	545	550	570	rBV	3362104	3652242	67.60%	8.239%
2	6.351	720	725	728	rBV	3654420	3715799	68.78%	8.383%
3	6.475	742	746	749	rBV	4160781	3795351	70.25%	8.562%
4	6.698	781	784	794	rBV	1060600	938983	17.38%	2.118%
5	6.857	807	811	828	rBV	3305942	2930774	54.25%	6.612%
6	7.263	875	880	900	rBV	2307521	2542491	47.06%	5.736%
7	7.981	998	1002	1026	rBV	1147559	1221656	22.61%	2.756%
8	8.451	1079	1082	1103	rBV	257788	613355	11.35%	1.384%
9	9.057	1180	1185	1196	rBV	4483413	4563295	84.47%	10.294%
10	9.451	1249	1252	1262	rBV	281975	286224	5.30%	0.646%
11	9.733	1296	1300	1311	rVB	1512541	1434728	26.56%	3.237%
12	10.522	1429	1434	1453	rBV	2898681	3086840	57.14%	6.964%
13	11.210	1547	1551	1561	rBV	1698613	1631056	30.19%	3.680%
14	11.280	1561	1563	1570	rVB	59201	59627	1.10%	0.135%
15	11.745	1639	1642	1656	rBV2	98286	189545	3.51%	0.428%
16	12.527	1772	1775	1788	rBV	106914	211832	3.92%	0.478%
17	12.792	1815	1820	1824	rBV	4883911	5402538	100.00%	12.188%
18	13.369	1913	1918	1920	rBV2	58042	60088	1.11%	0.136%
19	13.698	1970	1974	1977	rBV	86696	82693	1.53%	0.187%
20	13.774	1980	1987	1994	rBV5	59290	211106	3.91%	0.476%
21	13.839	1994	1998	2006	rVB	1798346	1819586	33.68%	4.105%
22	14.010	2023	2027	2032	rBV	184215	171536	3.18%	0.387%
23	14.310	2073	2078	2082	rBV	303028	316576	5.86%	0.714%
24	14.604	2124	2128	2135	rVB	545541	553986	10.25%	1.250%
25	14.916	2177	2181	2186	rVB	720574	819055	15.16%	1.848%
26	15.239	2231	2236	2239	rBV	1160346	1683599	31.16%	3.798%
27	15.268	2239	2241	2249	rVB	791873	842796	15.60%	1.901%
28	15.663	2302	2308	2321	rBV	568374	853885	15.81%	1.926%
29	16.121	2380	2386	2394	rBV	272713	492889	9.12%	1.112%
30	16.657	2473	2477	2485	rVB2	72002	143418	2.65%	0.324%

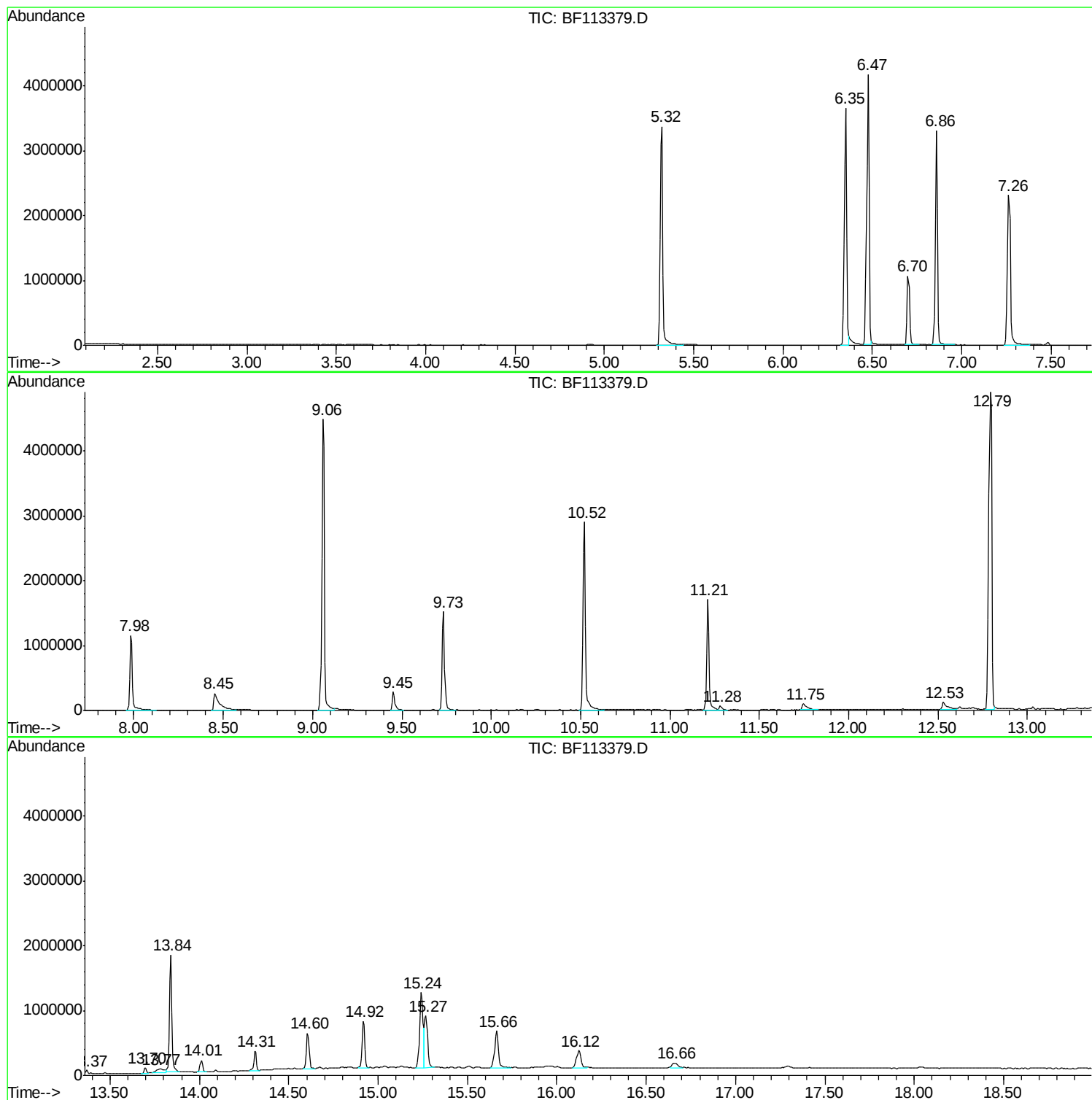
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.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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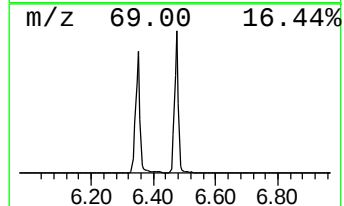
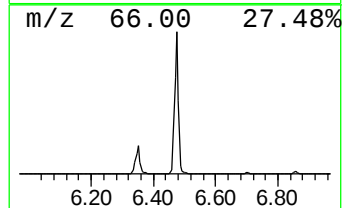
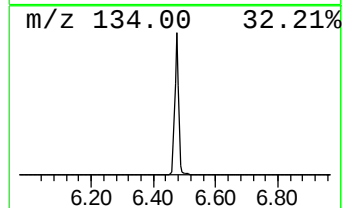
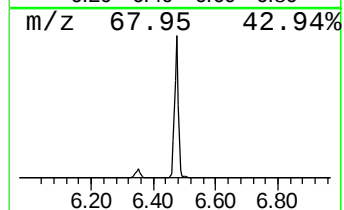
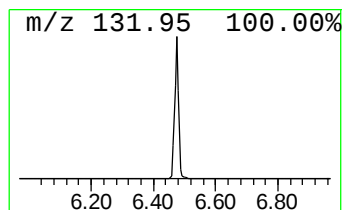
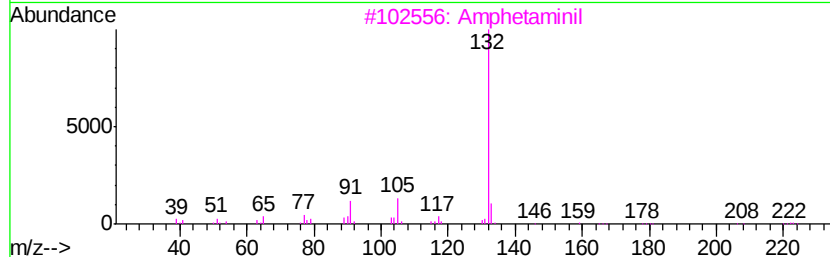
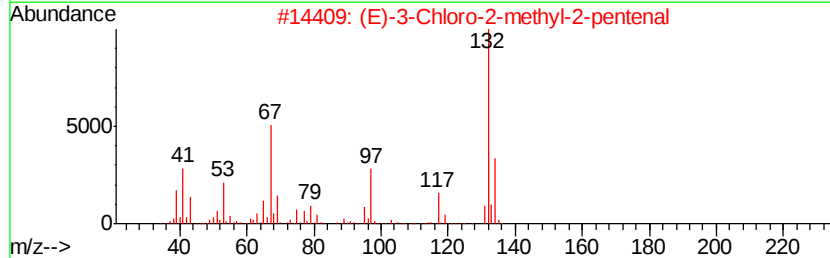
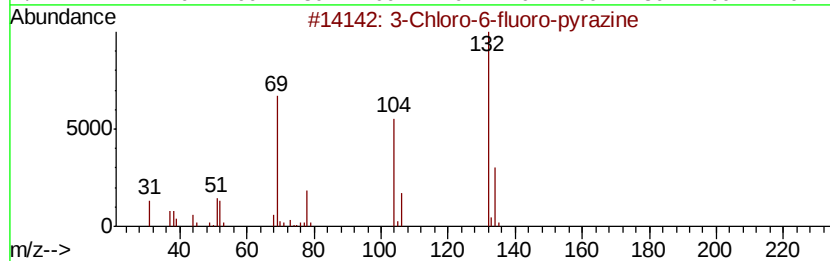
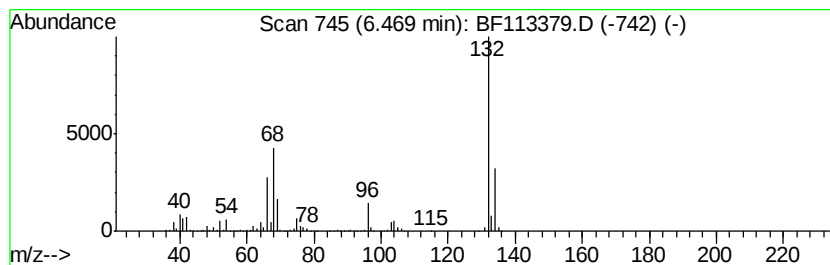
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	80.84 ng	3795350	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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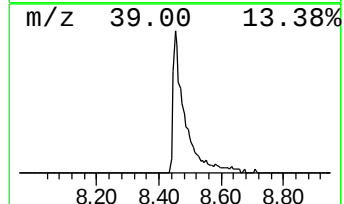
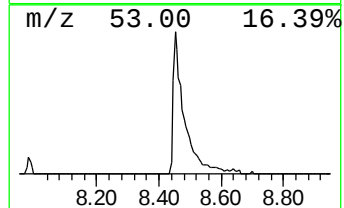
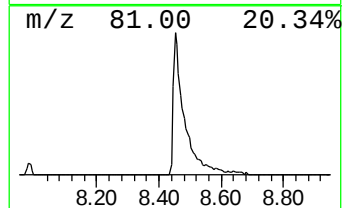
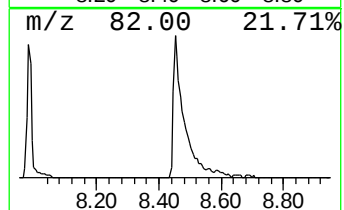
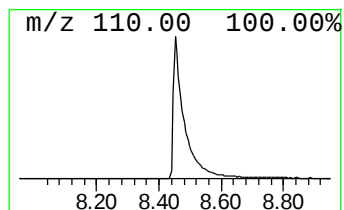
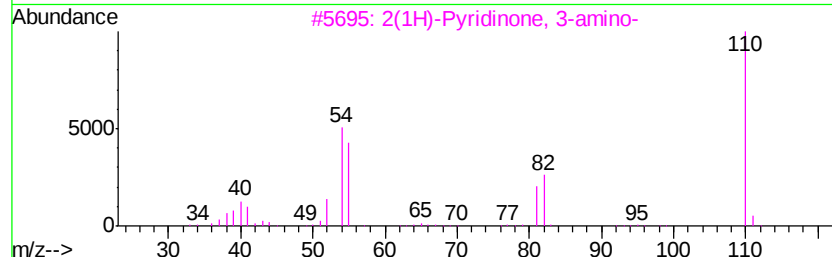
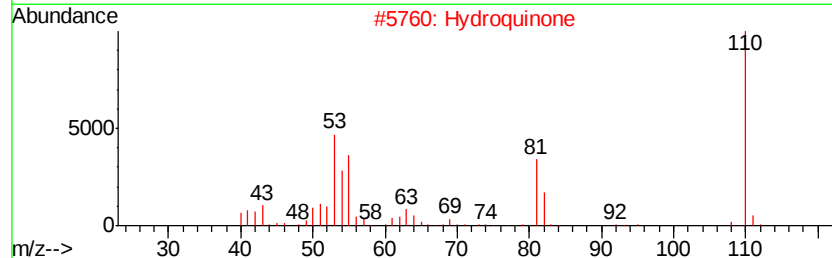
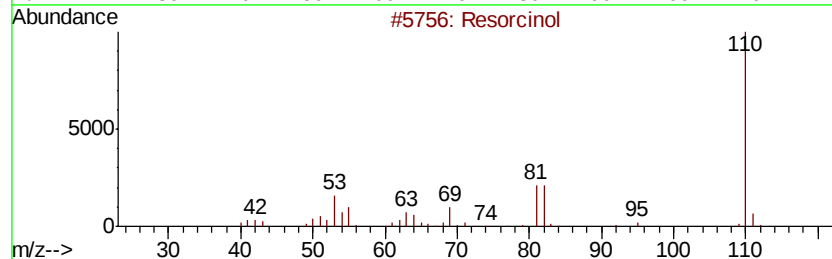
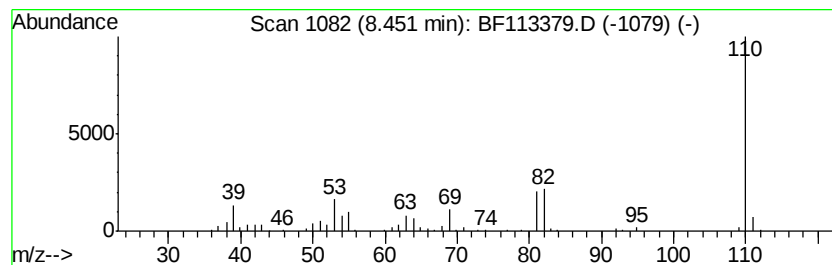
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Peak Number 3 Resorcinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	10.04 ng	613355	Naphthalene-d8	7.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol		110	C6H6O2	000108-46-3	97
2	Hydroquinone		110	C6H6O2	000123-31-9	72
3	2(1H)-Pyridinone, 3-amino-		110	C5H6N2O	033630-99-8	64
4	Catechol		110	C6H6O2	000120-80-9	62
5	4(1H)-Pyrimidinone, 6-methyl-		110	C5H6N2O	003524-87-6	59



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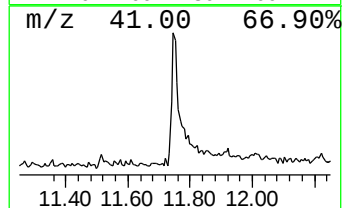
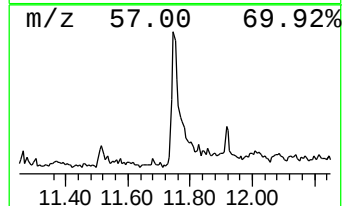
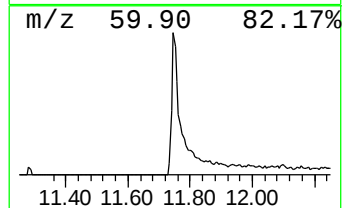
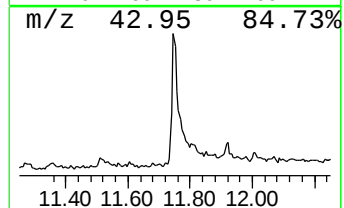
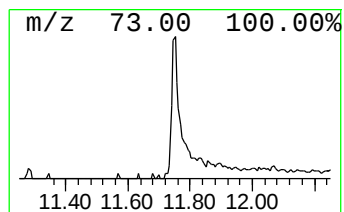
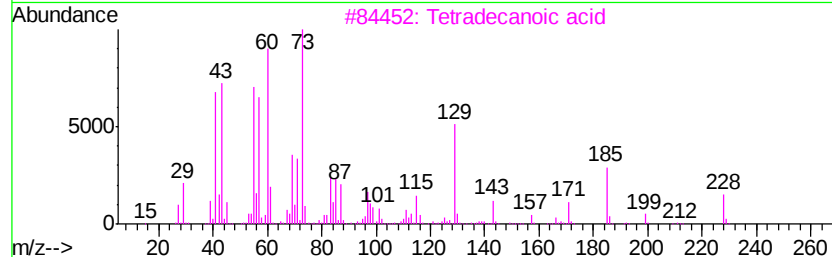
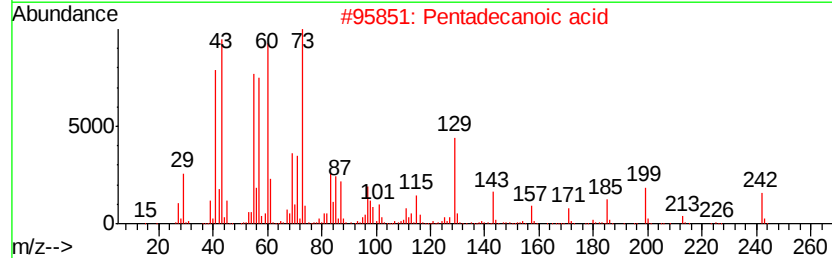
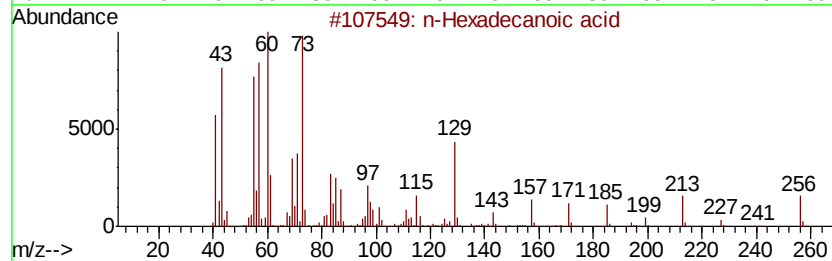
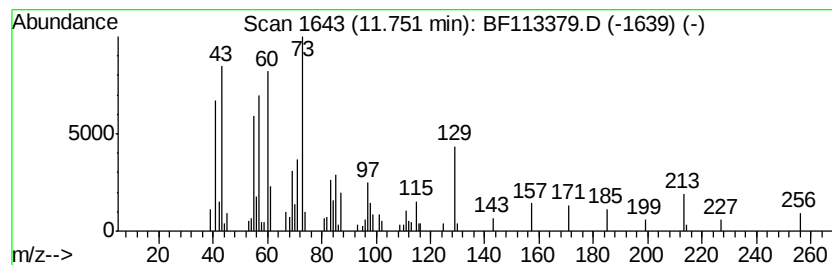
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.32 ng	189545	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	53
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25



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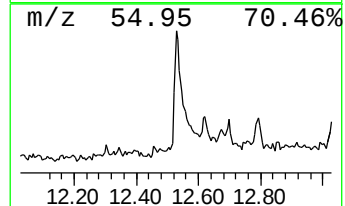
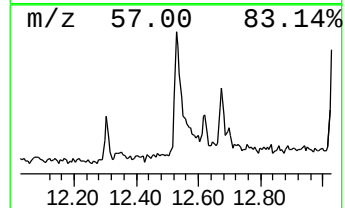
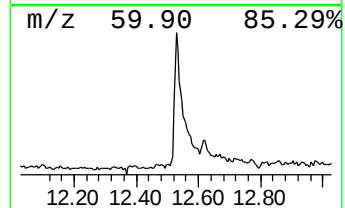
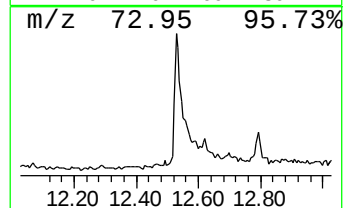
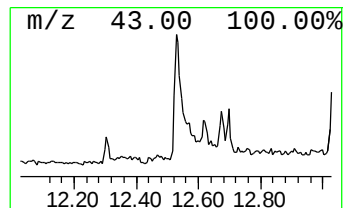
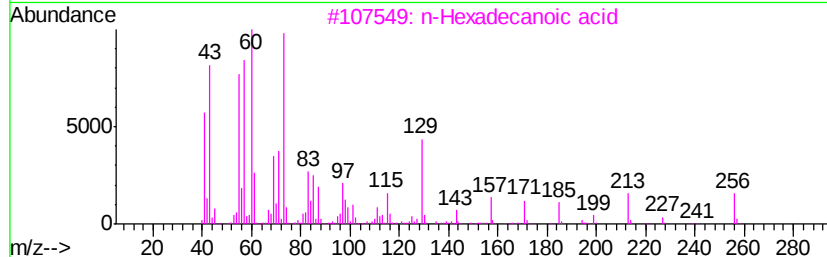
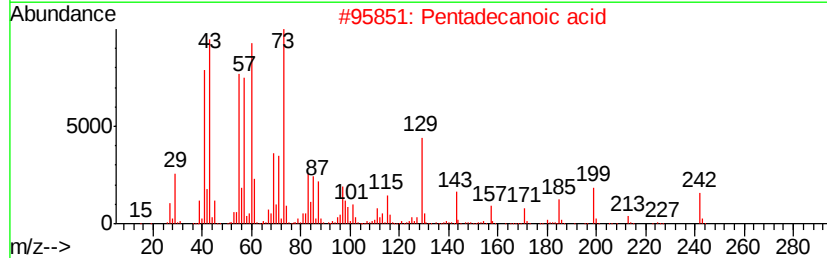
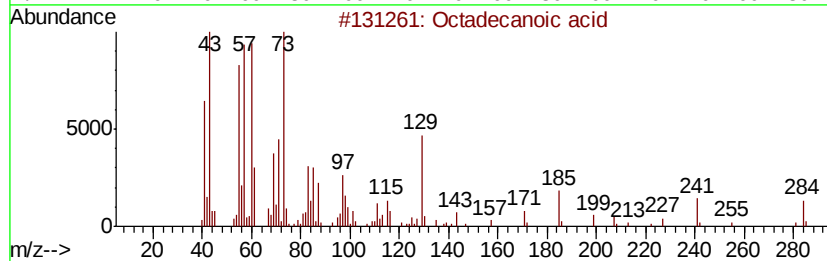
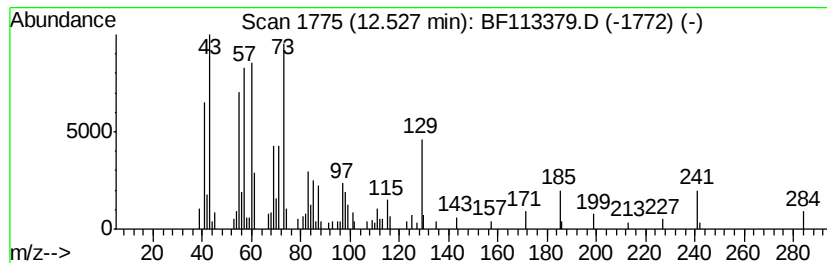
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Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.53	2.33 ng	211832	Chrysene-d12	13.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Undecanoic acid	186	C11H22O2	000112-37-8	53
5		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	35



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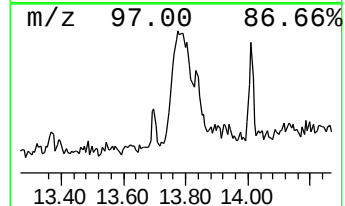
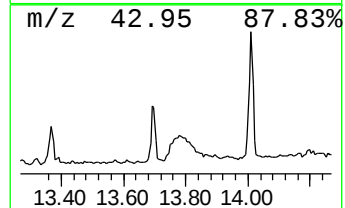
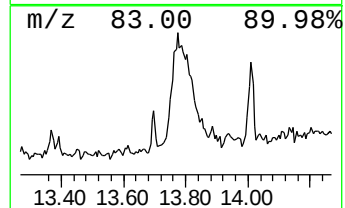
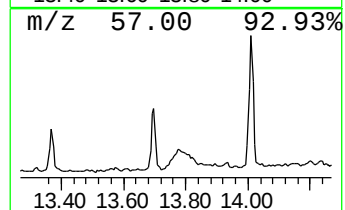
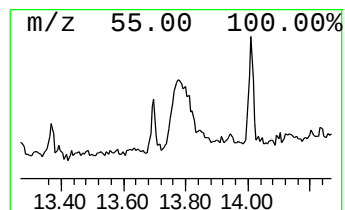
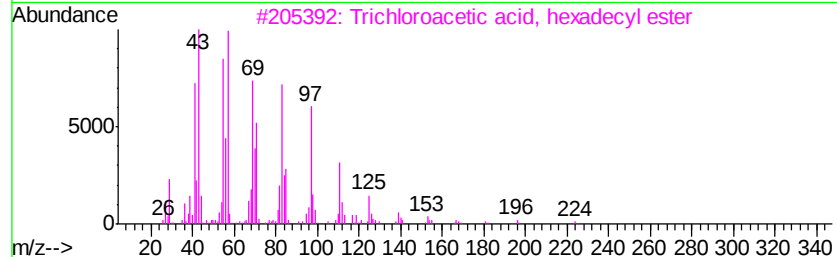
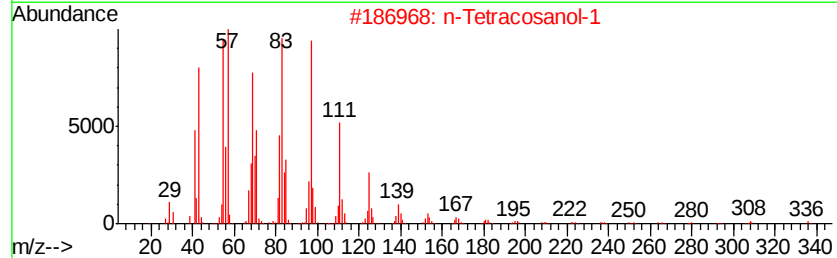
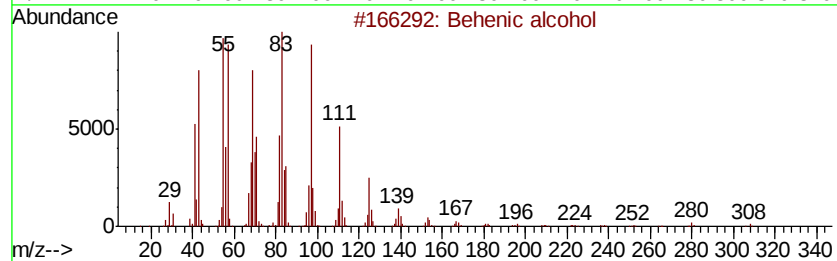
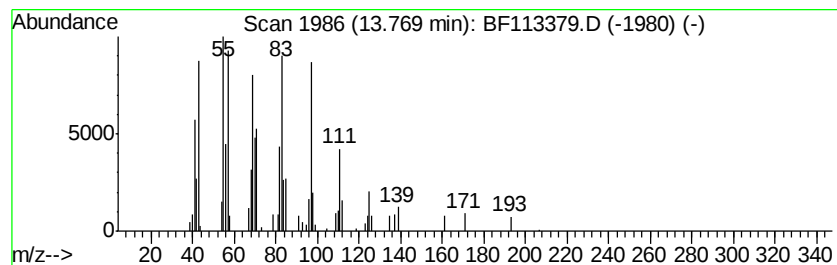
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Behenic alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.32 ng	211106	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
4		1-Heneicosanol	312 C21H44O	015594-90-8 91
5		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 90



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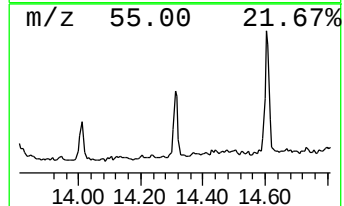
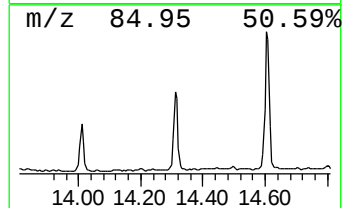
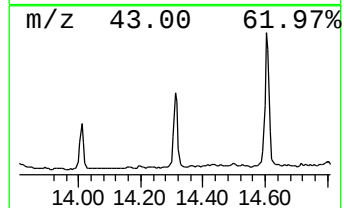
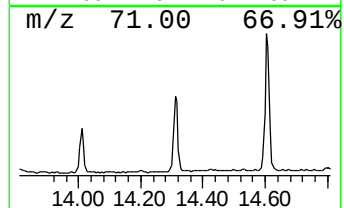
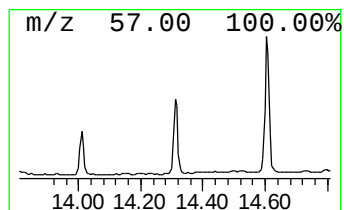
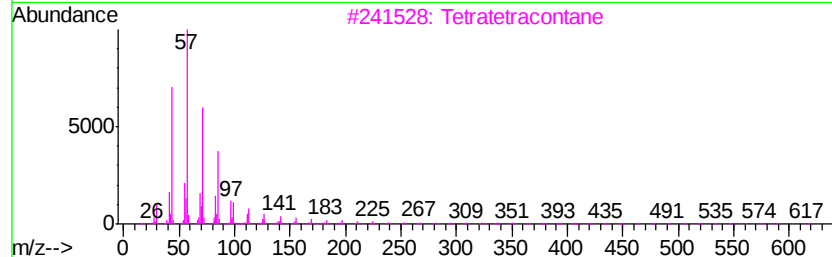
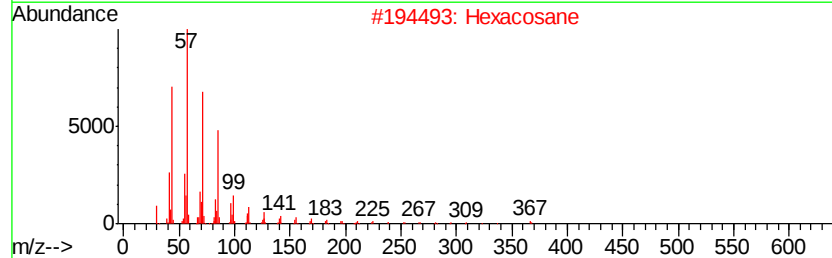
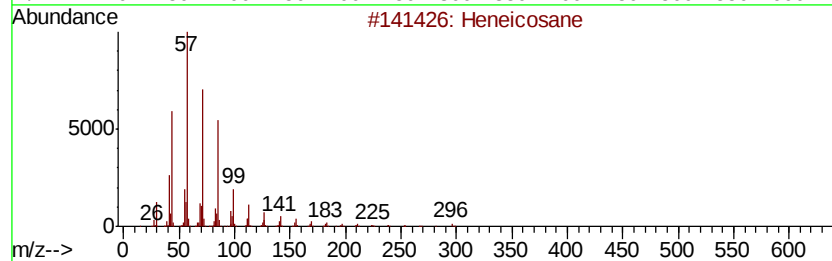
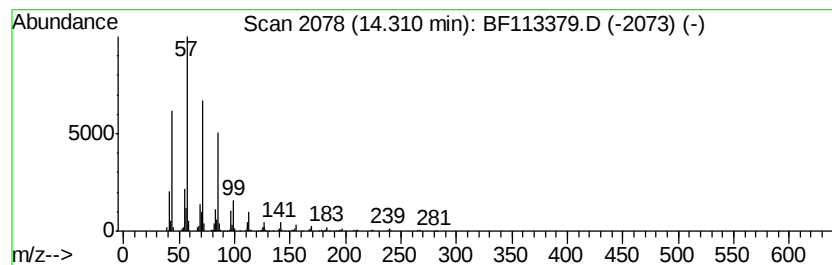
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	3.48 ng	316576	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Tetratetracontane		619	C44H90	007098-22-8	87
4	Hexadecane		226	C16H34	000544-76-3	87
5	Hexatriacontane		507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113379.D
Acq On : 28 Mar 2019 17:38
Operator : JU/SJ
Sample : K2107-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

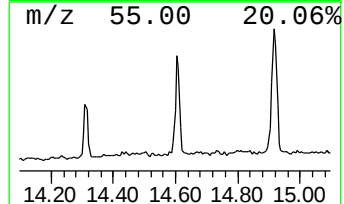
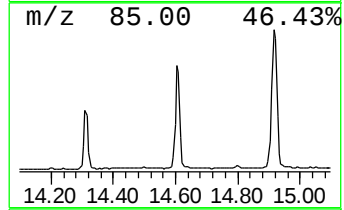
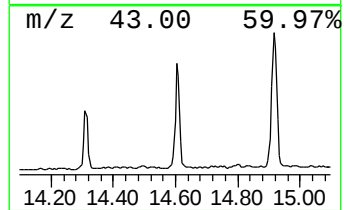
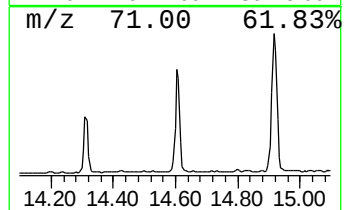
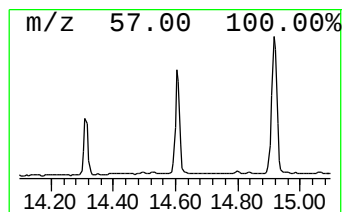
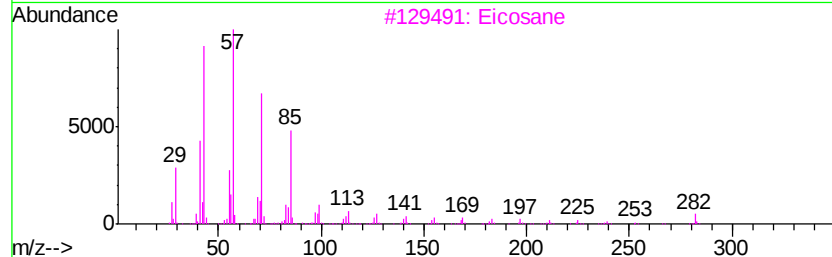
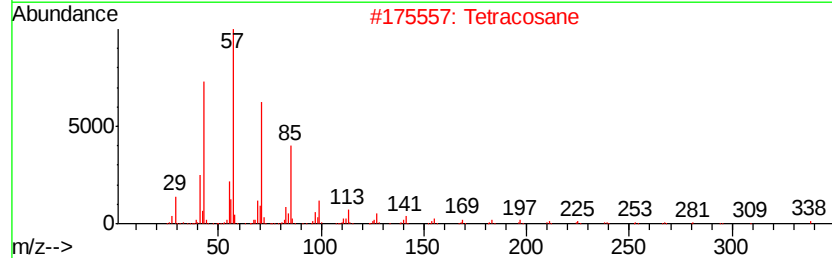
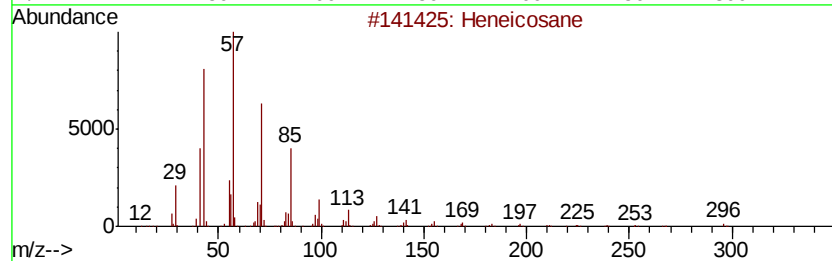
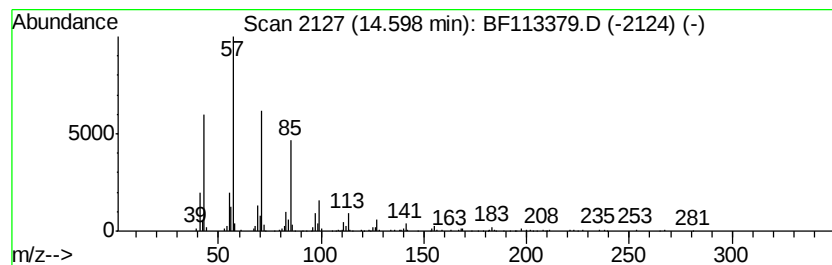
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.58 ng	553986	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Eicosane		282	C20H42	000112-95-8	87
4	Nonadecane		268	C19H40	000629-92-5	86
5	Octacosane		394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113379.D
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Operator : JU/SJ
Sample : K2107-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

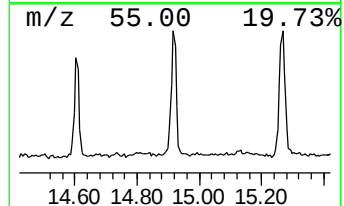
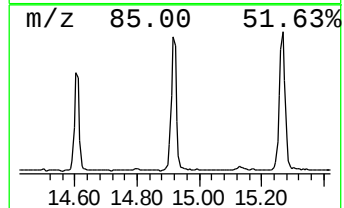
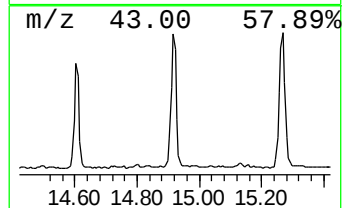
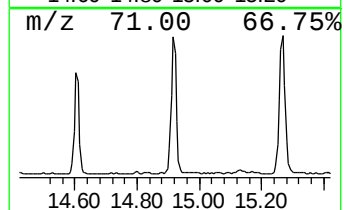
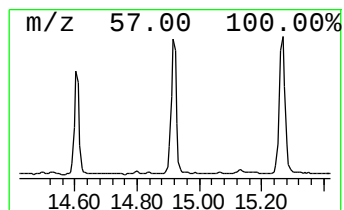
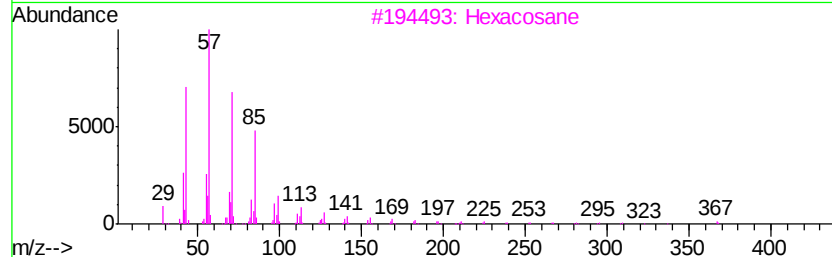
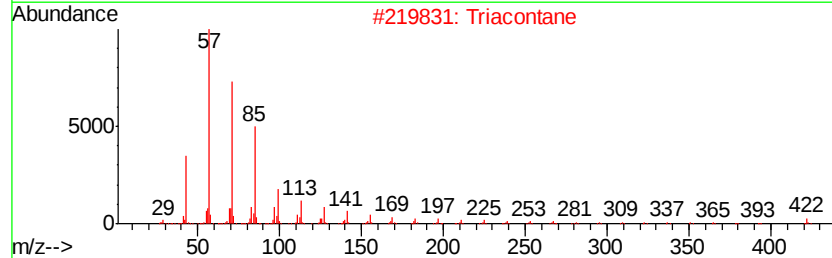
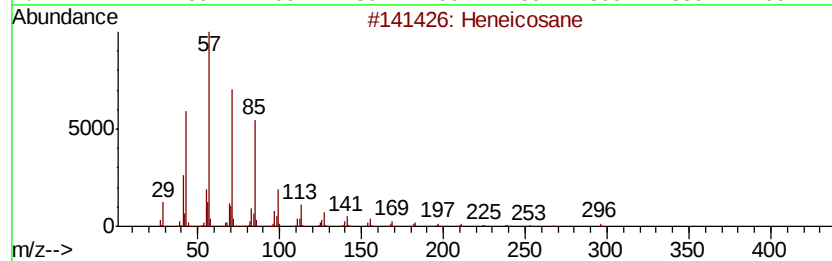
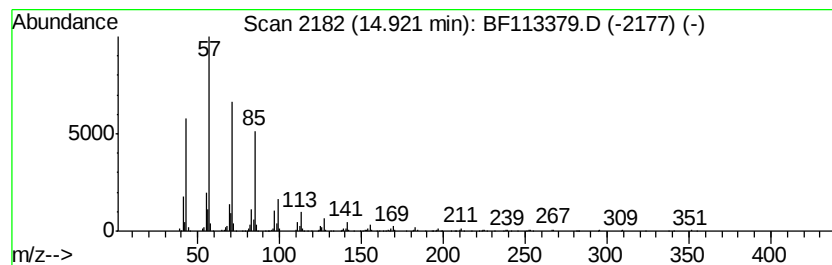
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ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.92	9.73 ng	819055	Perylene-d12		15.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113379.D
Acq On : 28 Mar 2019 17:38
Operator : JU/SJ
Sample : K2107-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

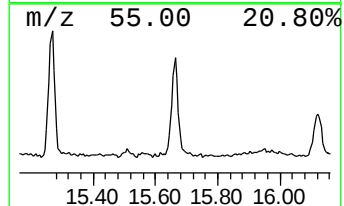
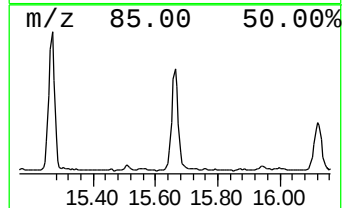
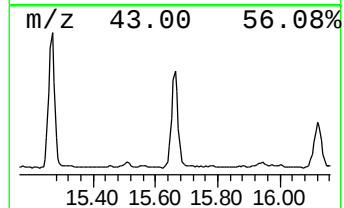
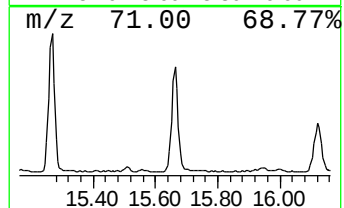
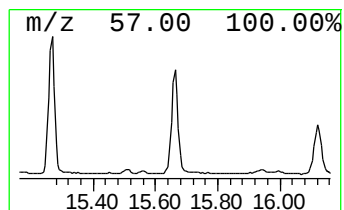
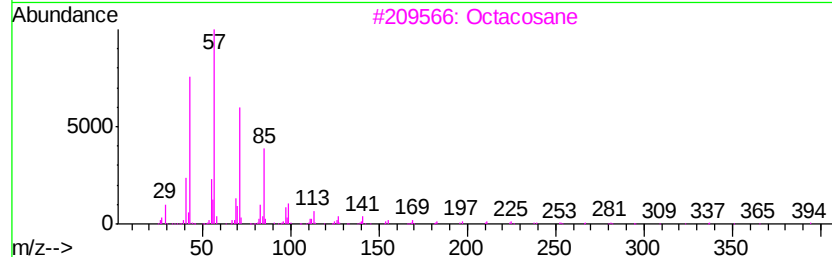
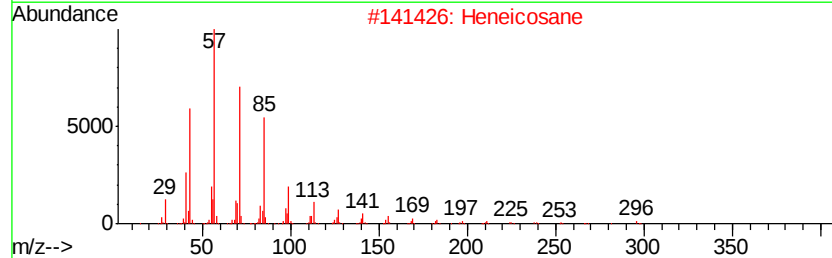
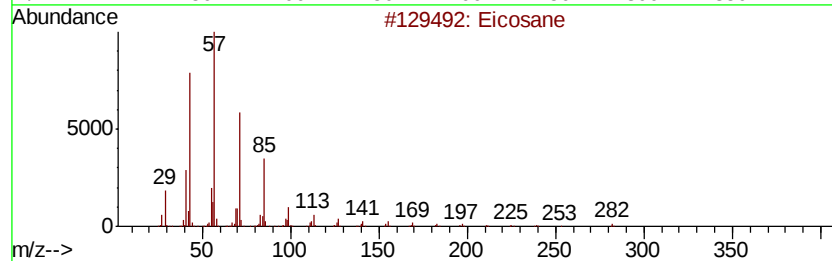
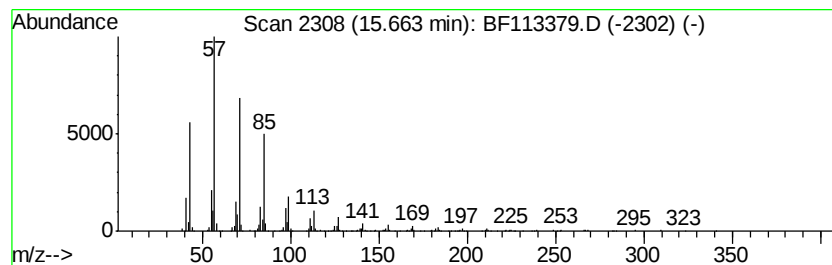
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	10.14 ng	853885	Perylene-d12	15.24

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		Hexadecane	226	C16H34	000544-76-3	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113379.D
Acq On : 28 Mar 2019 17:38
Operator : JU/SJ
Sample : K2107-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

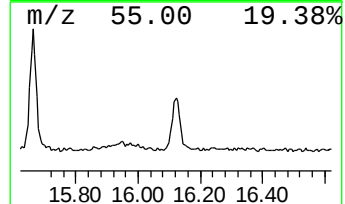
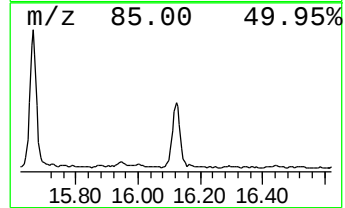
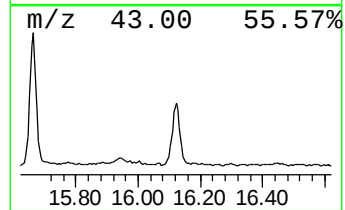
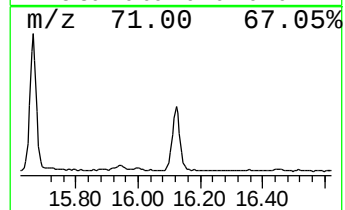
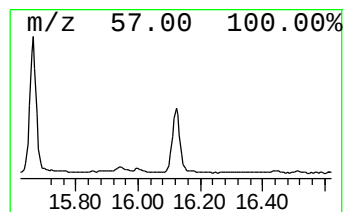
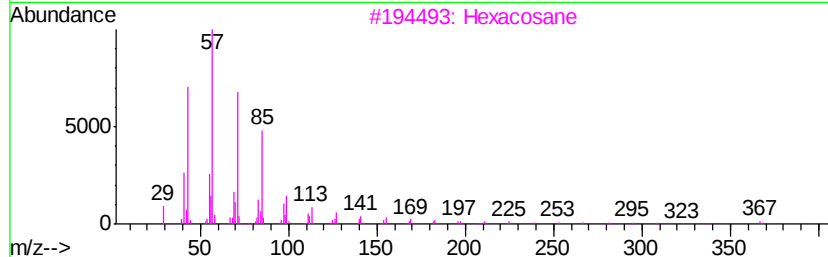
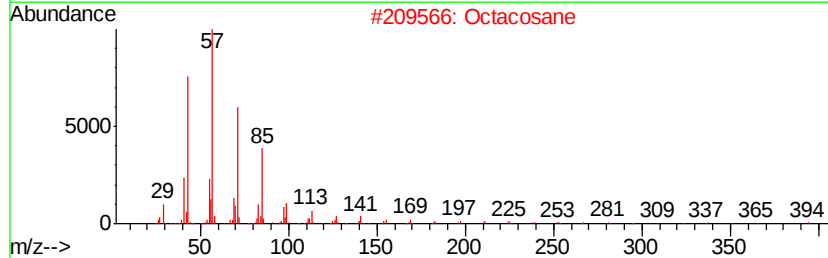
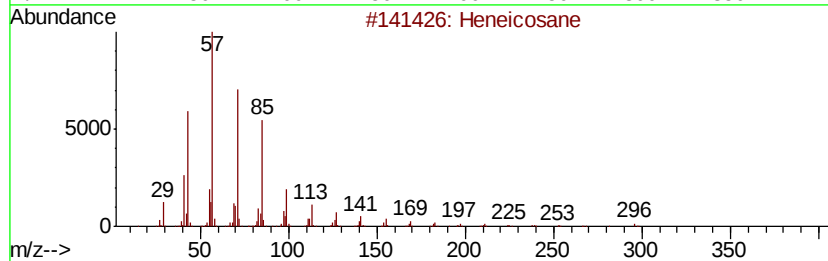
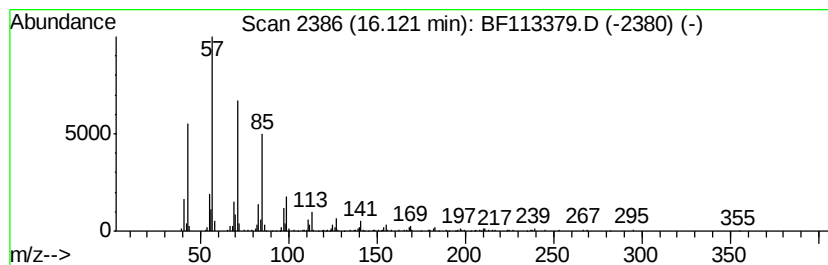
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.86 ng	492889	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113379.D
Acq On : 28 Mar 2019 17:38
Operator : JU/SJ
Sample : K2107-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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Resorcinol	8.45	10.0	ng	613355	2	7.98	1221660	20.0
n-Hexadecanoic acid	11.75	2.3	ng	189545	4	11.21	1631060	20.0
Octadecanoic acid	12.53	2.3	ng	211832	5	13.84	1819590	20.0
Behenic alcohol	13.77	2.3	ng	211106	5	13.84	1819590	20.0
Heneicosane	14.31	3.5	ng	316576	5	13.84	1819590	20.0
Tetracosane	14.60	6.6	ng	553986	6	15.24	1683600	20.0
Tridecane, 6-propyl-	14.92	9.7	ng	819055	6	15.24	1683600	20.0
Eicosane	15.66	10.1	ng	853885	6	15.24	1683600	20.0
triacontane	16.12	5.9	ng	492889	6	15.24	1683600	20.0