

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118411.D
 Acq On : 31 Dec 2019 17:59
 Operator : JU
 Sample : K6465-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

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-BF122419.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	5.057	501	505	521	rVB	215132	284439	12.80%	1.363%
2	5.475	572	576	592	rBV	1582451	1561343	70.29%	7.481%
3	6.492	745	749	768	rBV	1729591	1697605	76.42%	8.134%
4	6.628	768	772	775	rBV	2016975	1809128	81.44%	8.668%
5	6.851	807	810	817	rBV	607685	467955	21.07%	2.242%
6	7.010	833	837	840	rBV	1659393	1423620	64.09%	6.821%
7	7.416	902	906	922	rBV	989686	1049027	47.22%	5.026%
8	8.139	1025	1029	1045	rBV	631382	616207	27.74%	2.952%
9	9.216	1208	1212	1224	rBV	2454997	2221370	100.00%	10.643%
10	9.616	1276	1280	1288	rVB	95938	100136	4.51%	0.480%
11	9.898	1325	1328	1341	rBV	693328	756810	34.07%	3.626%
12	10.698	1460	1464	1479	rBV	1497859	1464665	65.94%	7.017%
13	11.339	1570	1573	1576	rBV4	19444	23615	1.06%	0.113%
14	11.398	1579	1583	1585	rVV	823552	755188	34.00%	3.618%
15	11.416	1585	1586	1592	rVB	133799	130199	5.86%	0.624%
16	11.616	1617	1620	1628	rBV6	22439	35130	1.58%	0.168%
17	11.916	1667	1671	1680	rBV3	266895	312423	14.06%	1.497%
18	12.616	1787	1790	1796	rBV	275443	273026	12.29%	1.308%
19	12.704	1803	1805	1810	rBV4	55416	71866	3.24%	0.344%
20	12.845	1824	1829	1833	rBV	198121	238774	10.75%	1.144%
21	12.986	1849	1853	1856	rBV	2410228	2014401	90.68%	9.651%
22	13.069	1863	1867	1871	rVB4	16285	24099	1.08%	0.115%
23	13.304	1900	1907	1911	rBV4	44161	98367	4.43%	0.471%
24	13.416	1922	1926	1929	rBV4	55932	72692	3.27%	0.348%
25	13.445	1929	1931	1937	rVB6	55253	84456	3.80%	0.405%
26	13.545	1945	1948	1952	rBV4	35839	51761	2.33%	0.248%
27	13.674	1965	1970	1971	rBV5	42802	73271	3.30%	0.351%
28	13.874	2001	2004	2017	rVB3	268718	394394	17.75%	1.890%
29	14.016	2025	2028	2030	rBV	88534	80661	3.63%	0.386%
30	14.051	2030	2034	2037	rVV2	664095	707215	31.84%	3.388%
31	14.074	2037	2038	2042	rVB	97023	92343	4.16%	0.442%
32	14.198	2056	2059	2061	rBV	80053	76198	3.43%	0.365%
33	14.504	2108	2111	2118	rBV2	132635	202941	9.14%	0.972%
34	14.810	2160	2163	2168	rVB	148344	153760	6.92%	0.737%

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ALS Vial : 14 Sample Multiplier: 1

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.886	2174	2176	2180	rVB	46880	46001	2.07%	0.220%
36	15.110	2211	2214	2217	rBV	101104	146432	6.59%	0.702%
37	15.157	2219	2222	2225	rVB	174185	189140	8.51%	0.906%
38	15.421	2264	2267	2271	rVB	68606	70464	3.17%	0.338%
39	15.486	2274	2278	2283	rBV	108732	157856	7.11%	0.756%
40	15.545	2283	2288	2293	rBV2	489577	682201	30.71%	3.269%
41	15.986	2359	2363	2369	rBV	112475	160481	7.22%	0.769%

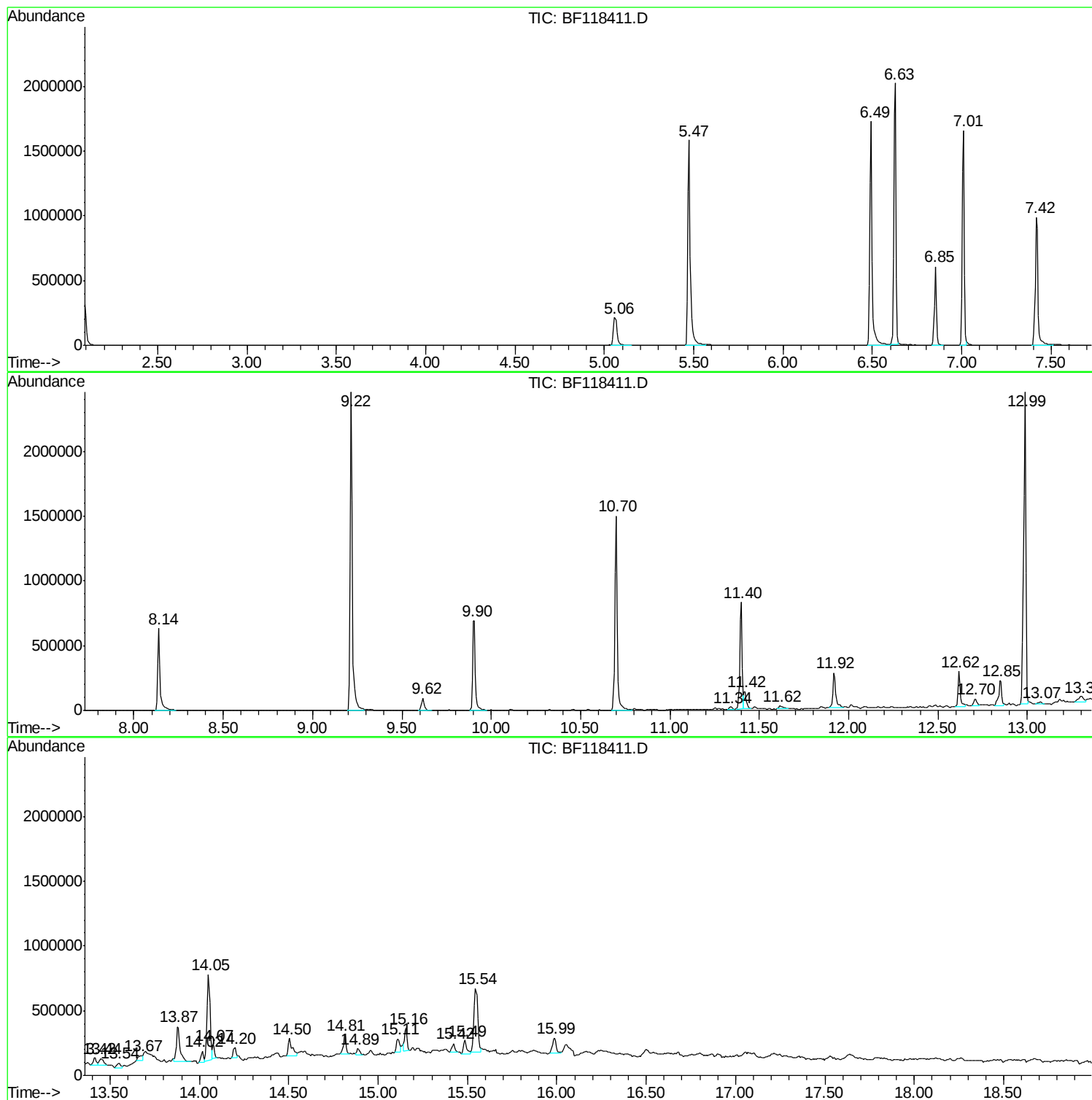
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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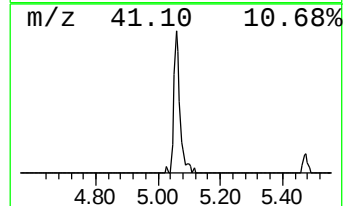
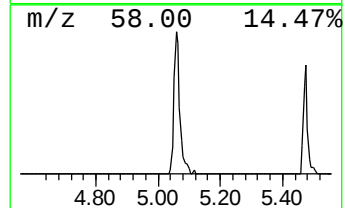
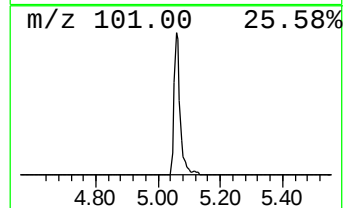
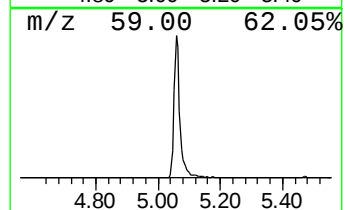
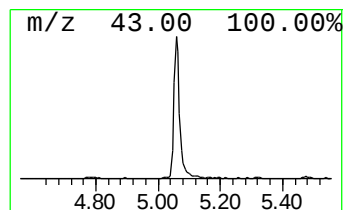
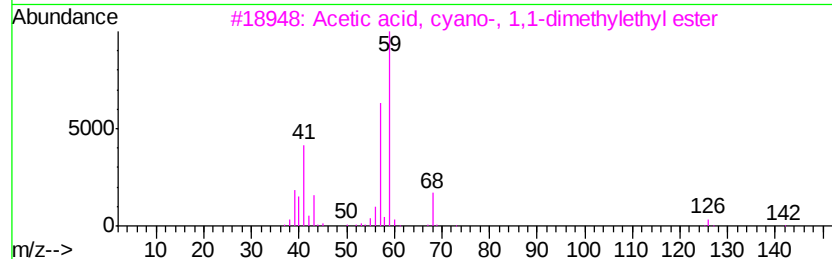
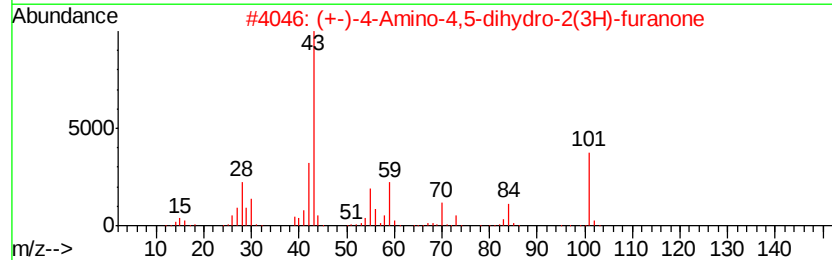
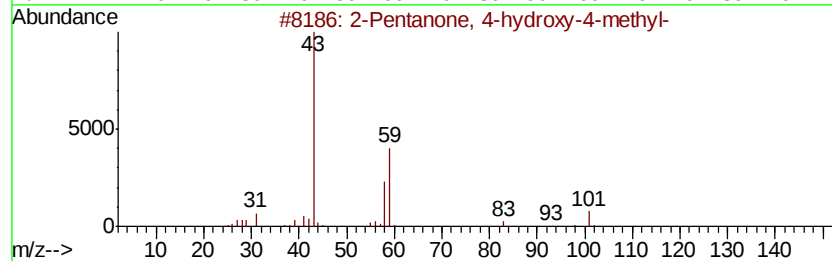
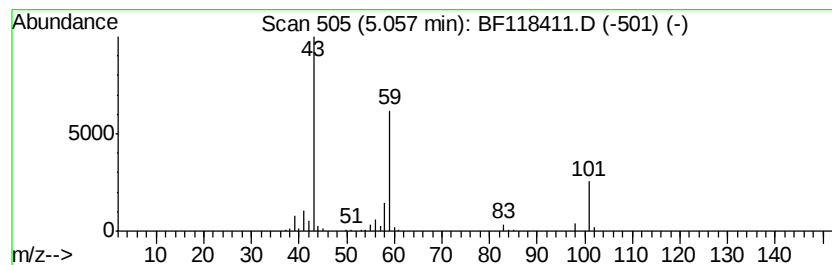
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	12.16 ng	284439	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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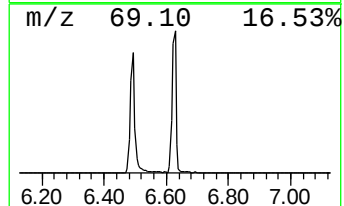
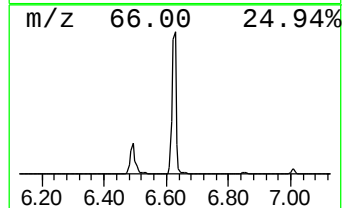
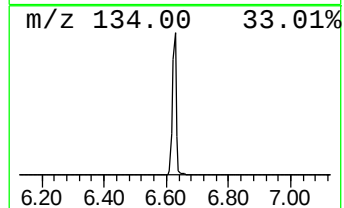
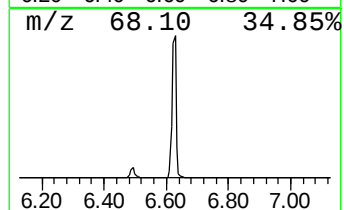
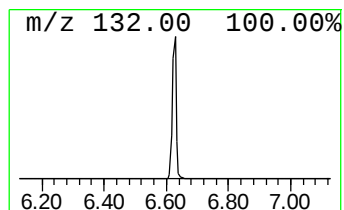
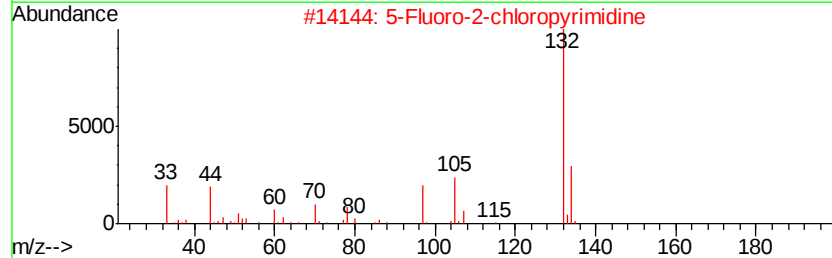
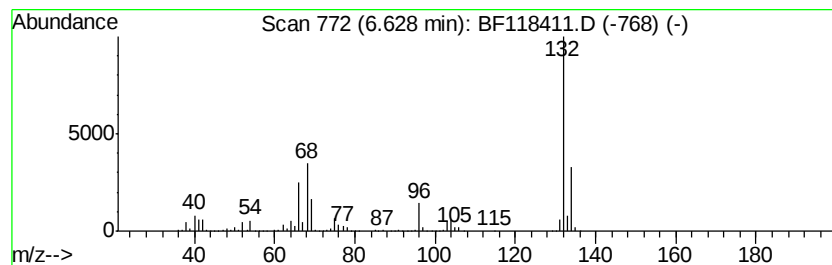
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	77.32 ng	1809130	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



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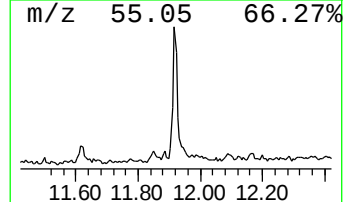
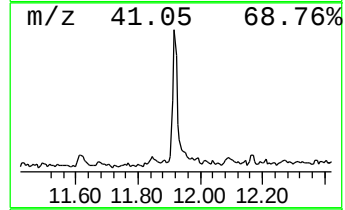
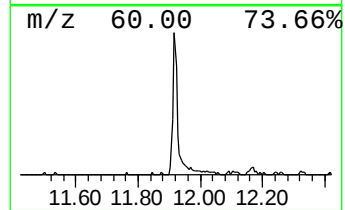
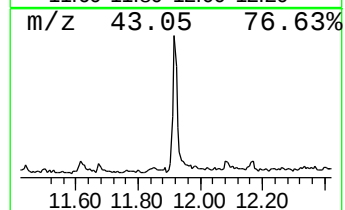
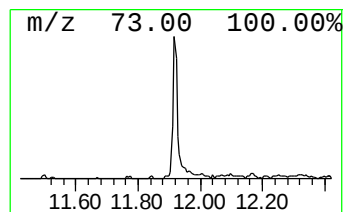
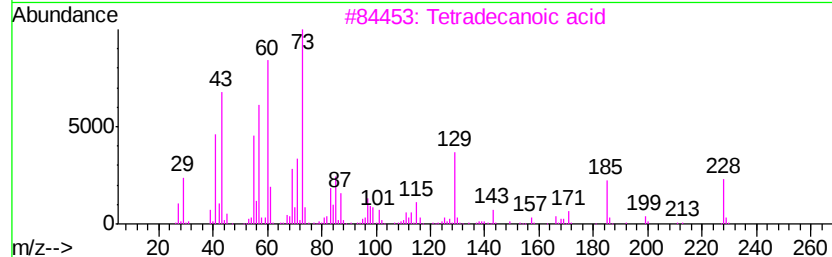
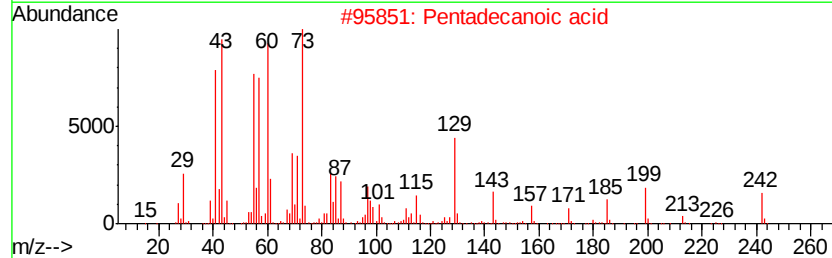
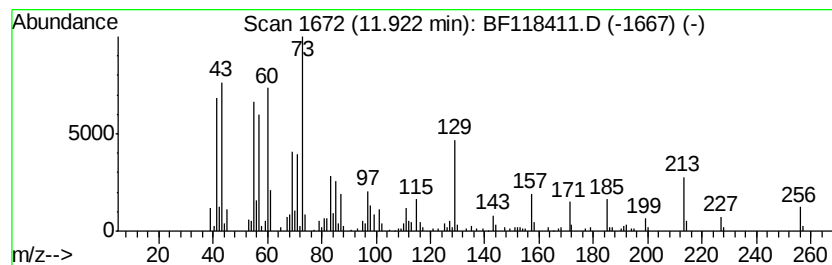
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.27 ng	312423	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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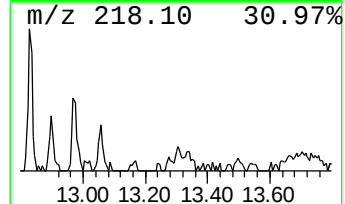
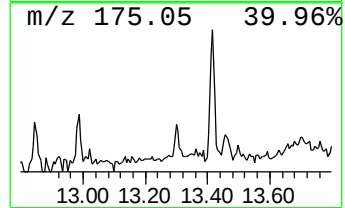
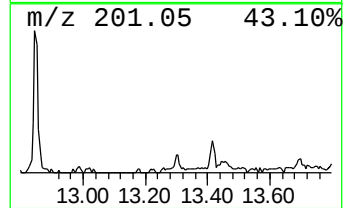
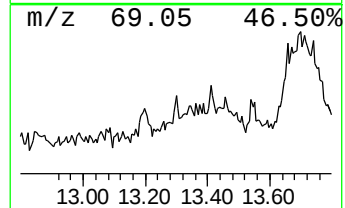
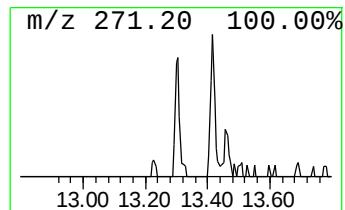
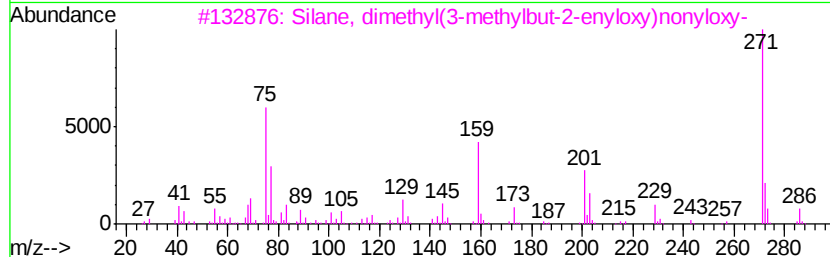
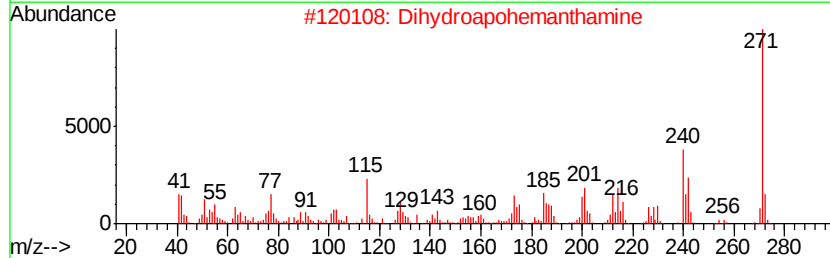
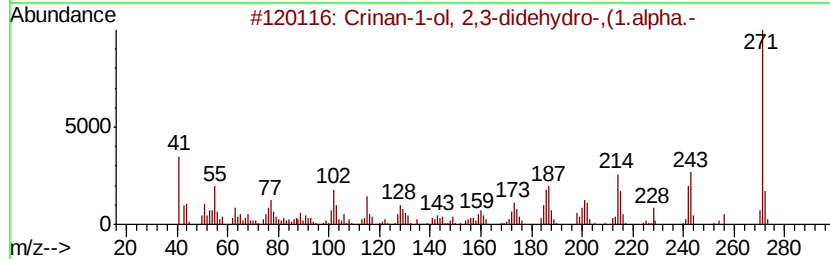
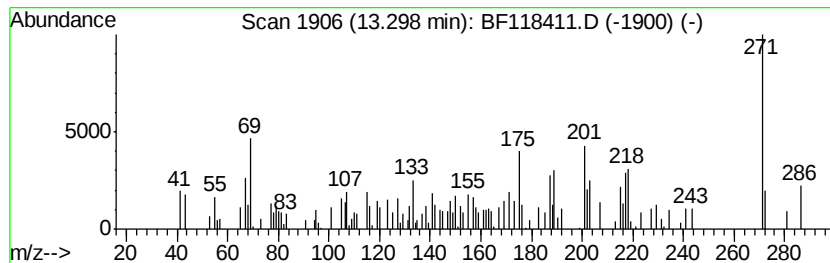
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.30 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.78 ng	98367	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Crinan-1-ol, 2,3-didehydro-, (1.alpha.-	271	C16H17NO3	1000111-31-3	38
2		Dihydroapohemanthamine	271	C16H17NO3	001153-01-1	38
3		Silane, dimethyl(3-methylbut-2-en-2-yl)oxy-	286	C16H34O2Si	1000347-96-9	38
4		(3-Chloro-5,3',5'-trifluorobiphenyl-2-yl)methanol	271	C13H9ClF3N	1000306-63-7	38
5		Arsine, 1,2-phenylenebis(dimethyl-)	286	C10H16As2	013246-32-7	27



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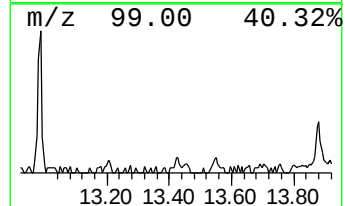
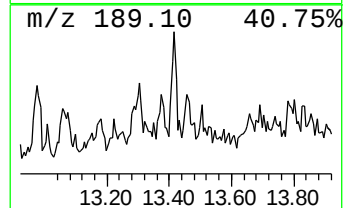
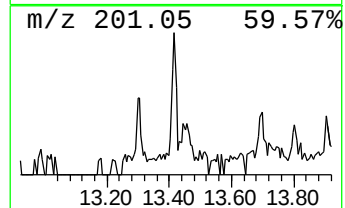
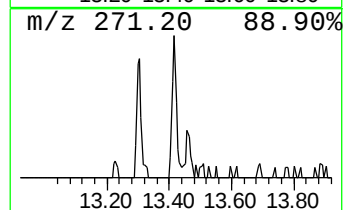
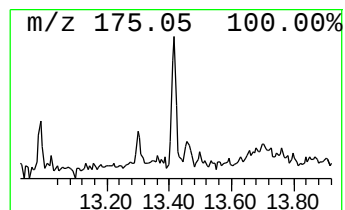
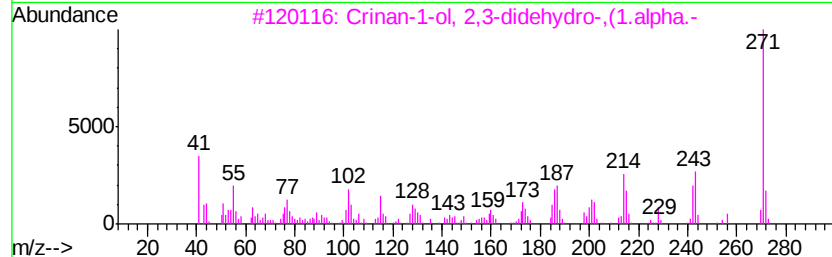
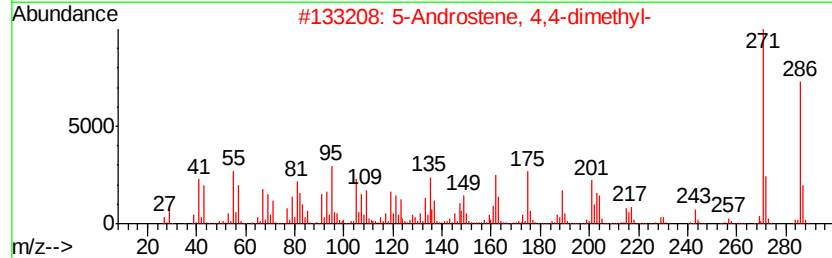
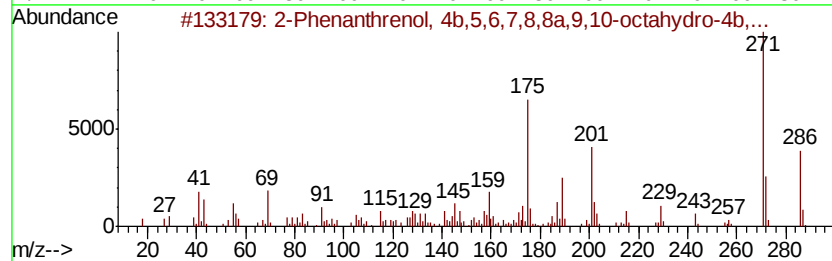
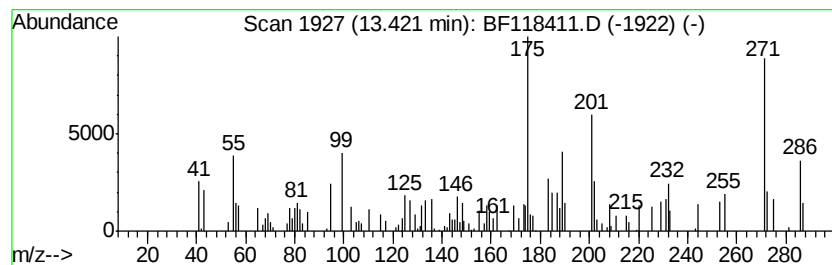
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.42	2.06 ng	72692	Chrysene-d12	14.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	87	
2	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	38	
3	Crinan-1-ol, 2,3-didehydro-, (1.a...	271	C16H17NO3	1000111-31-3	30	
4	4-(Trifluoromethyl)mandelic acid	220	C9H7F3O3	000395-35-7	25	
5	Normorphine	271	C16H17NO3	000466-97-7	22	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
Acq On : 31 Dec 2019 17:59
Operator : JU
Sample : K6465-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

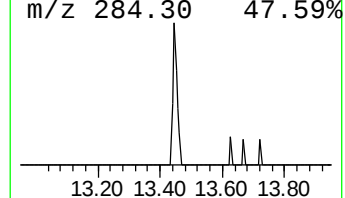
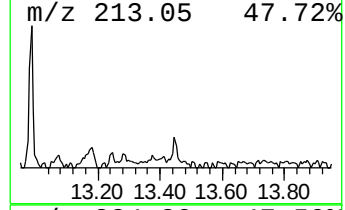
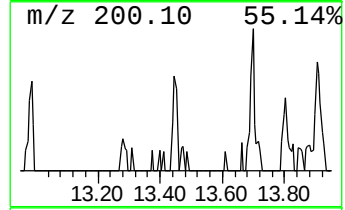
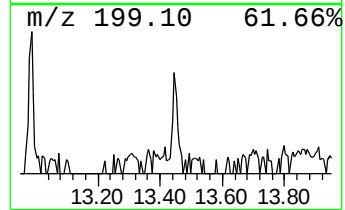
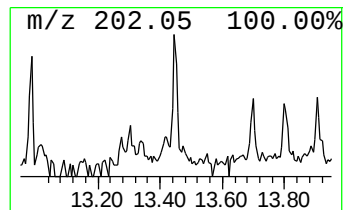
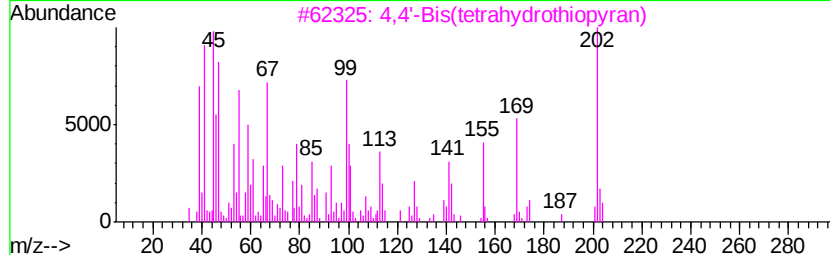
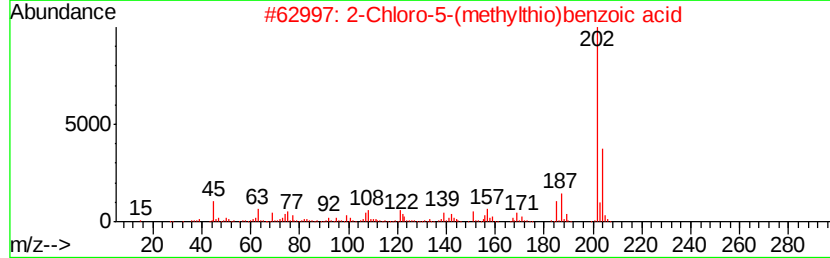
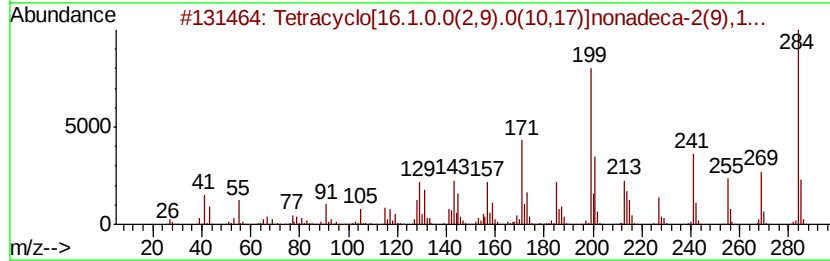
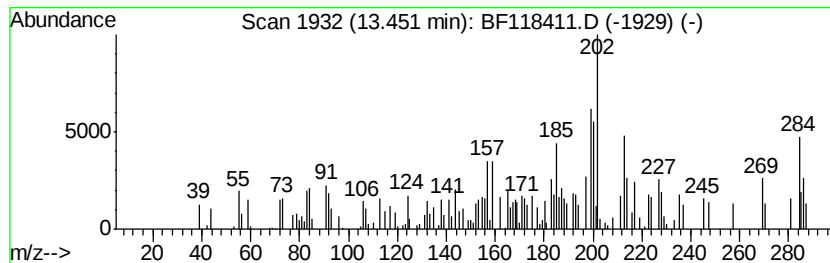
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.45 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.39 ng	84456	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracyclo[16.1.0.0(2,9).0(10,17)...	284 C21H32	1000163-57-5 22
2		2-Chloro-5-(methylthio)benzoic acid	202 C8H7ClO2S	051546-12-4 14
3		4,4'-Bis(tetrahydrothiopyran)	202 C10H18S2	116196-83-9 11
4		Fluoren-9-one, 9a-hydroxy-1,2,3,...	202 C13H14O2	1000160-37-9 11
5		Cycloheptanone, 2-(phenylmethyle...	200 C14H16O	042063-01-4 11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
Acq On : 31 Dec 2019 17:59
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Sample : K6465-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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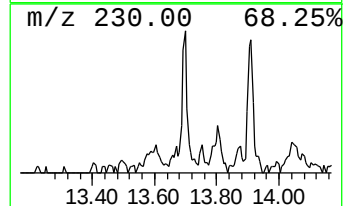
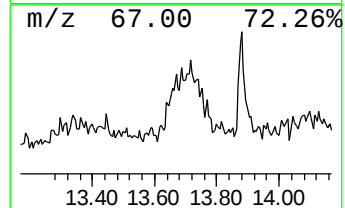
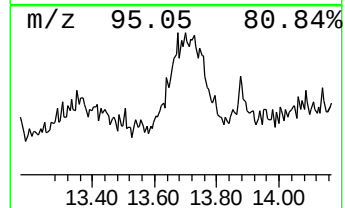
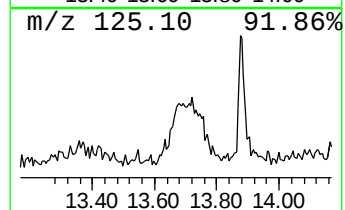
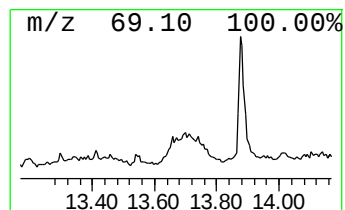
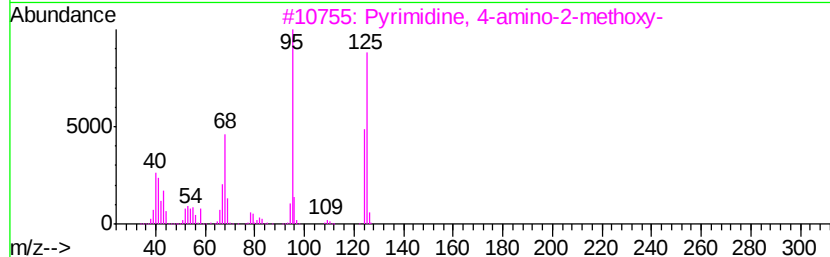
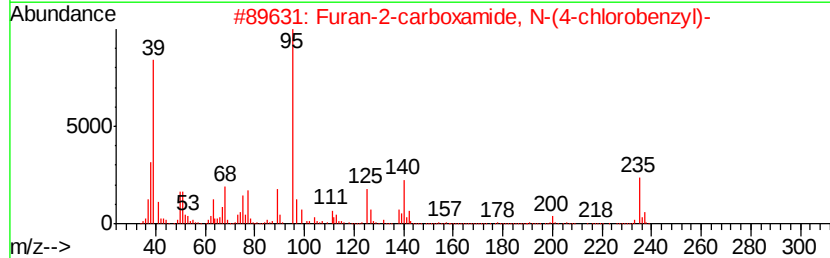
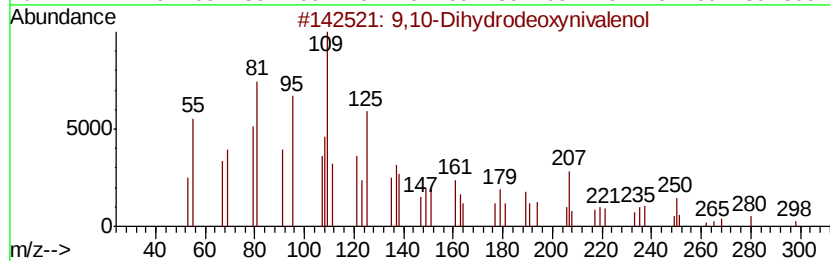
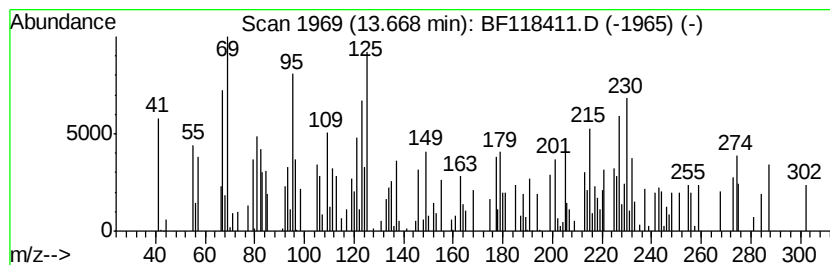
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.67 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.07 ng	73271	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dihydrodeoxynivalenol			298	C15H22O6	123505-36-2	37
2	Furan-2-carboxamide, N-(4-chloro...			235	C12H10ClN02	1000259-35-4	14
3	Pvrimidine, 4-amino-2-methoxv-			125	C5H7N3O	003289-47-2	12
4	Thiourea, N-(2,5-dimethylphenyl)...			274	C14H18N4S	1000320-23-7	11
5	1-Isopropenyl-4,5-dimethylbicycl...			330	C21H30OS	1000195-85-4	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
Acq On : 31 Dec 2019 17:59
Operator : JU
Sample : K6465-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

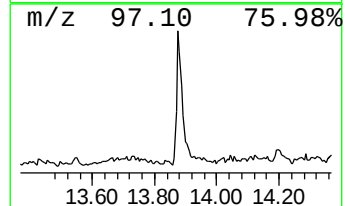
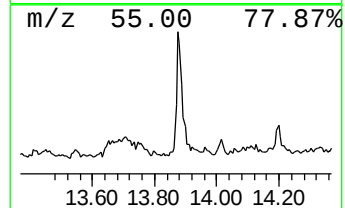
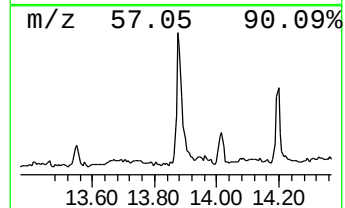
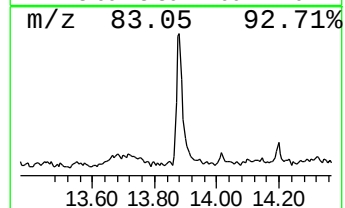
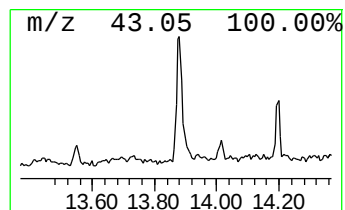
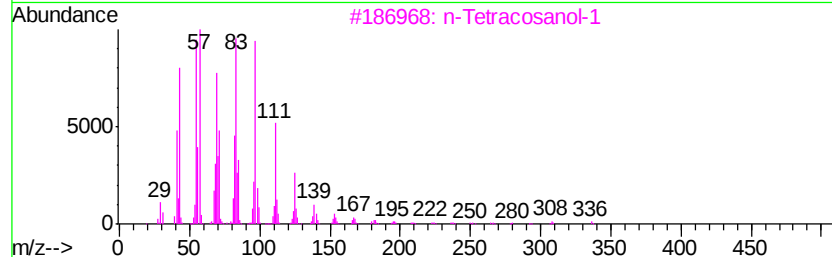
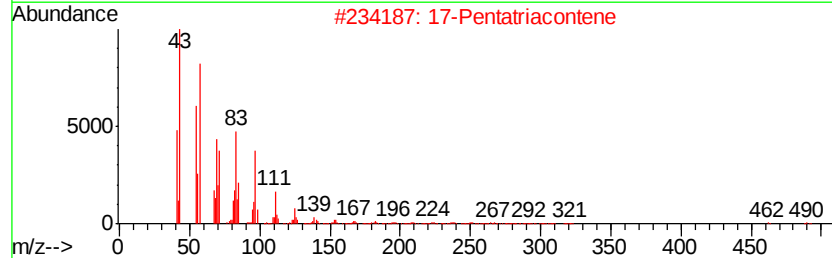
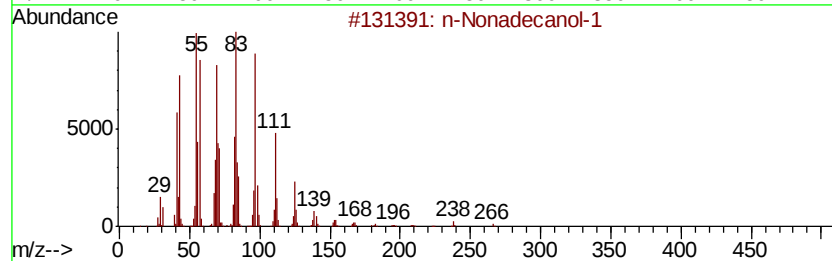
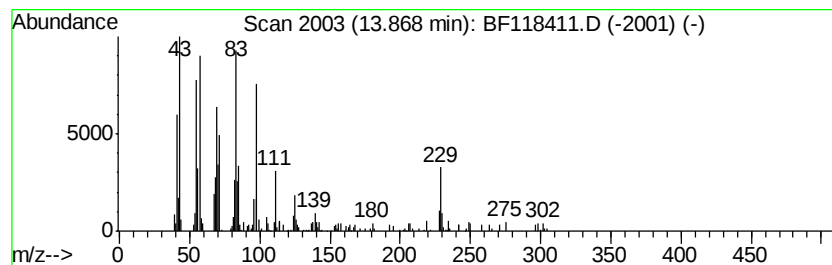
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.15 ng	394394	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	93
2	17-Pentatriacontene	491 C35H70	006971-40-0	91
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	90
4	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	89
5	1-Heneicosanol	312 C21H44O	015594-90-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118411.D
 Acq On : 31 Dec 2019 17:59
 Operator : JU
 Sample : K6465-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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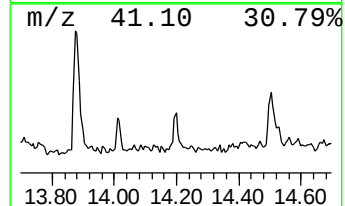
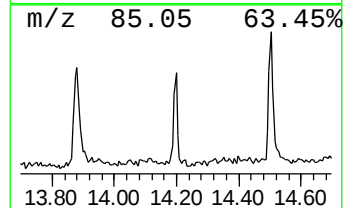
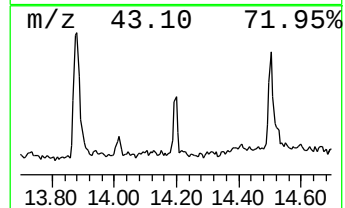
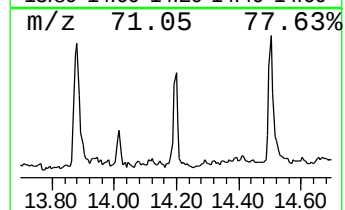
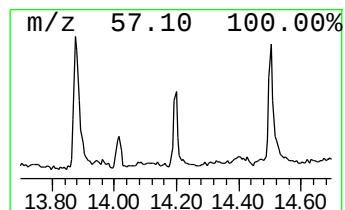
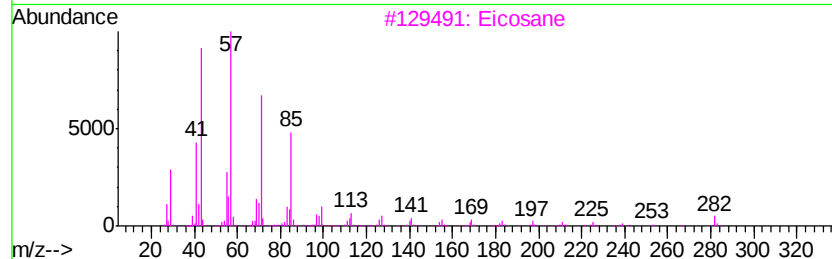
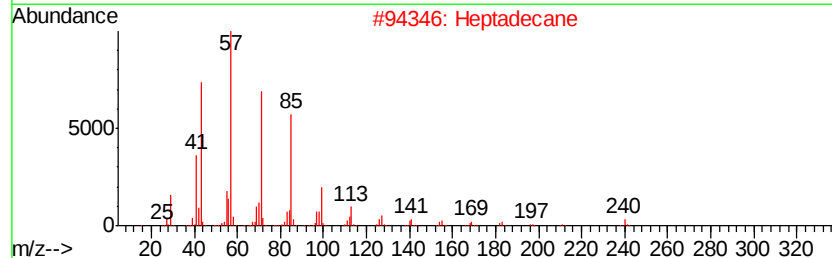
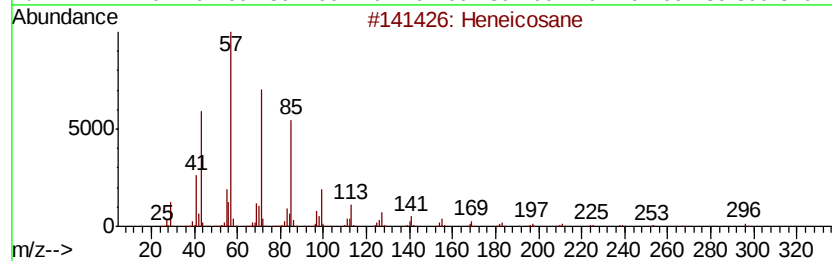
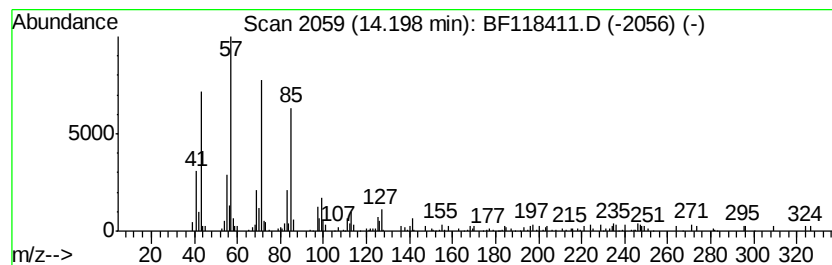
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.15 ng	76198	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	94
2	Heptadecane		240	C17H36	000629-78-7	93
3	Eicosane		282	C20H42	000112-95-8	91
4	Hexacosane		366	C26H54	000630-01-3	87
5	Tetratetracontane		619	C44H90	007098-22-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
Acq On : 31 Dec 2019 17:59
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Instrument :
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ClientSampleId :
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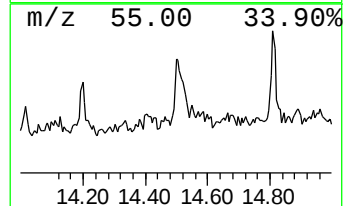
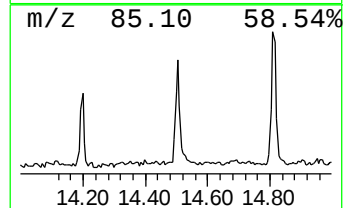
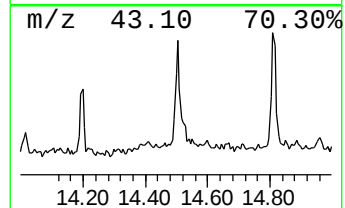
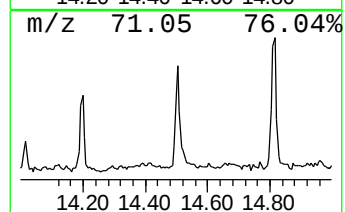
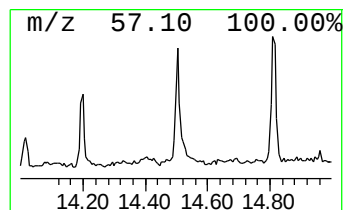
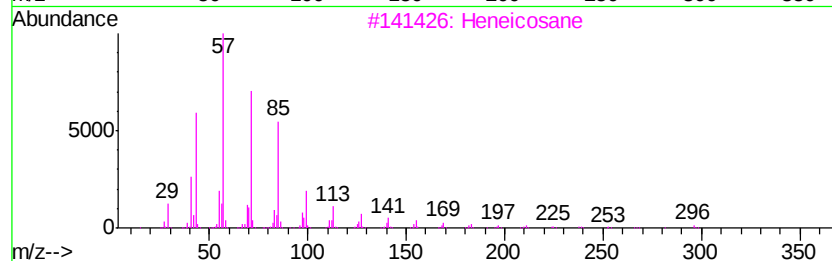
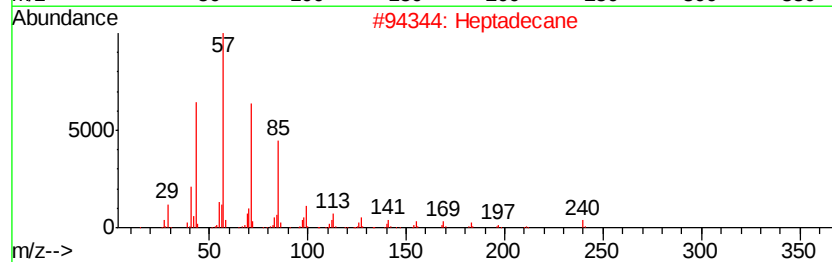
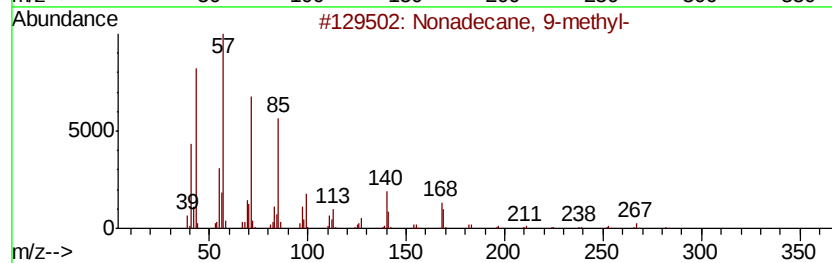
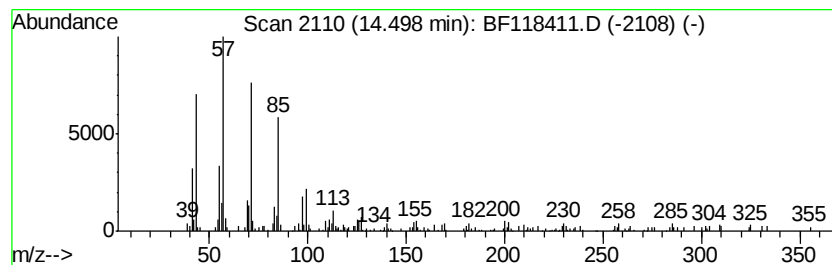
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.74 ng	202941	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
Acq On : 31 Dec 2019 17:59
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Misc :
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Instrument :
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ClientSampleId :
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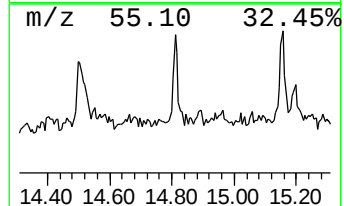
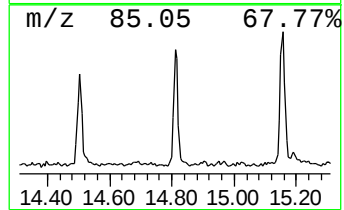
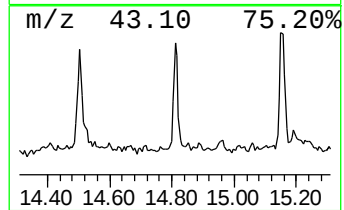
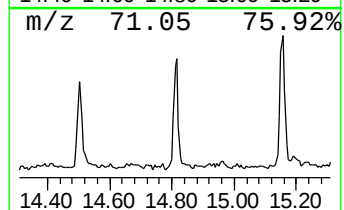
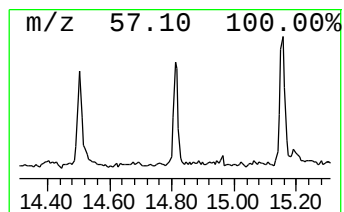
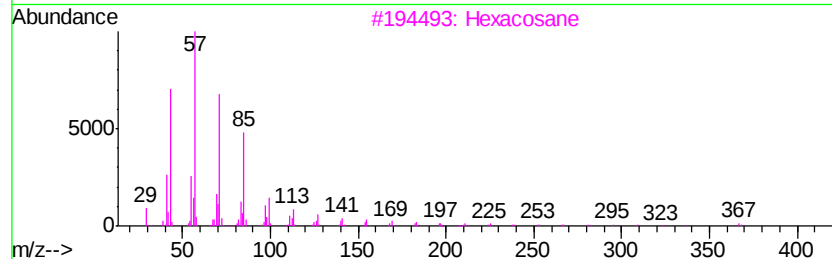
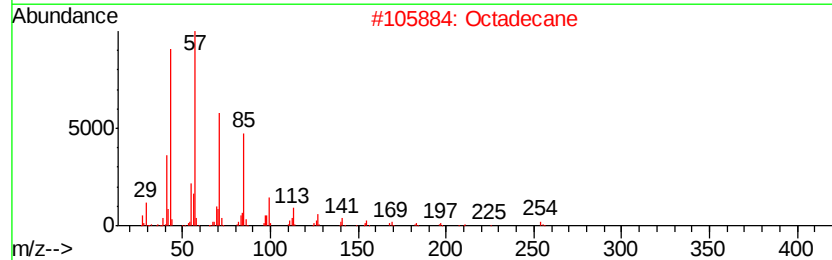
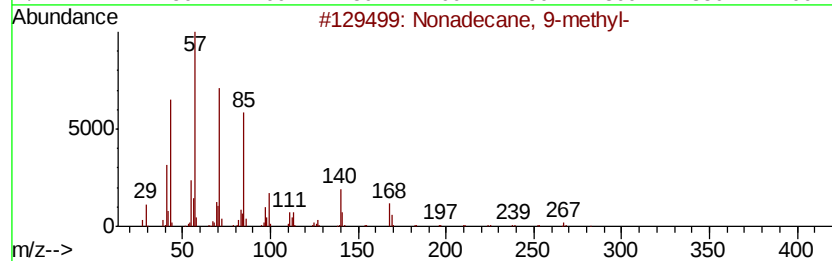
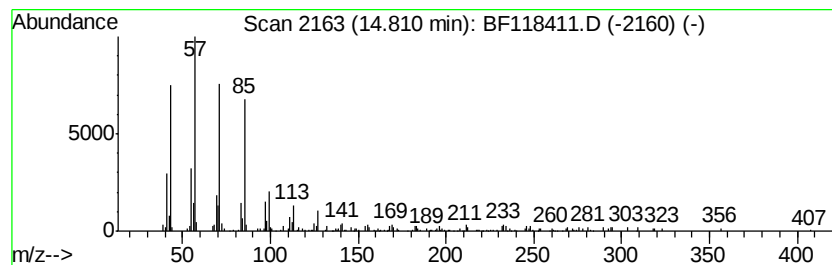
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.51 ng	153760	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Octadecane	254	C18H38	000593-45-3	93
3			Hexacosane	366	C26H54	000630-01-3	91
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
Acq On : 31 Dec 2019 17:59
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Sample : K6465-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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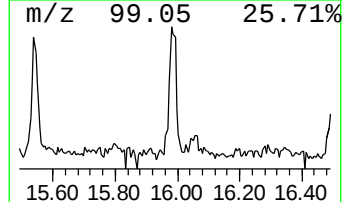
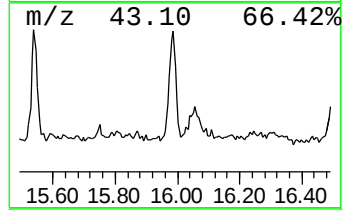
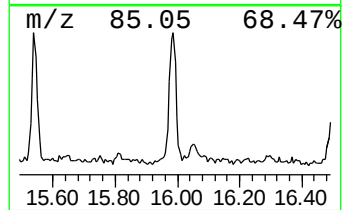
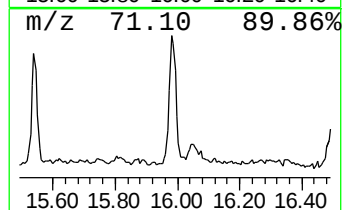
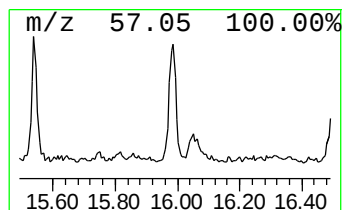
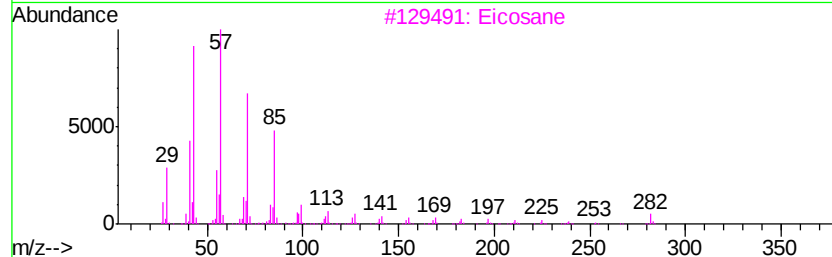
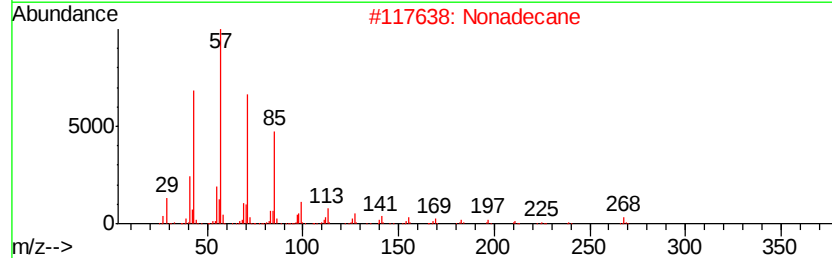
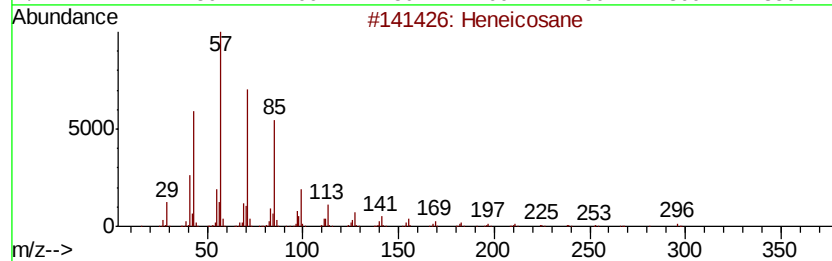
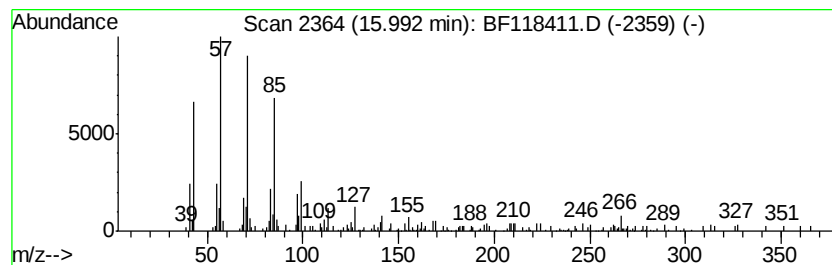
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	4.70 ng	160481	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Nonadecane	268	C19H40	000629-92-5	93
3		Eicosane	282	C20H42	000112-95-8	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF123119\
 Data File : BF118411.D
 Acq On : 31 Dec 2019 17:59
 Operator : JU
 Sample : K6465-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
2-Pentanone, 4-hy...	5.06	12.2	ng	284439	1	6.85	467955	20.0
unknown6.63	6.63	77.3	ng	1809130	1	6.85	467955	20.0
n-Hexadecanoic acid	11.92	8.3	ng	312423	4	11.40	755188	20.0
unknown13.30	13.30	2.8	ng	98367	5	14.05	707215	20.0
2-Phenanthrenol, ...	13.42	2.1	ng	72692	5	14.05	707215	20.0
unknown13.45	13.45	2.4	ng	84456	5	14.05	707215	20.0
unknown13.67	13.67	2.1	ng	73271	5	14.05	707215	20.0
n-Nonadecanol-1	13.87	11.2	ng	394394	5	14.05	707215	20.0
Heneicosane	14.20	2.1	ng	76198	5	14.05	707215	20.0
Nonadecane, 9-met...	14.50	5.7	ng	202941	5	14.05	707215	20.0
Dodecane, 2-methyl-	14.81	4.5	ng	153760	6	15.54	682201	20.0
Eicosane	15.99	4.7	ng	160481	6	15.54	682201	20.0