

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113408.D
 Acq On : 29 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K2155-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0328-S-DH-5-B

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	568	rVB	3770624	4135937	87.29%	7.453%
2	6.357	720	726	742	rBV	3709598	4478063	94.52%	8.070%
3	6.475	742	746	750	rBV	4043809	4311848	91.01%	7.770%
4	6.698	781	784	793	rBV	1071419	1045414	22.06%	1.884%
5	6.857	807	811	815	rBV	3549519	3350013	70.71%	6.037%
6	7.269	875	881	884	rBV	2630957	2806978	59.24%	5.058%
7	7.981	998	1002	1013	rBV	1374416	1410327	29.77%	2.541%
8	9.063	1180	1186	1189	rBV	4752120	4737933	100.00%	8.538%
9	9.145	1196	1200	1206	rVB4	35788	60022	1.27%	0.108%
10	9.451	1249	1252	1260	rBV	289705	283162	5.98%	0.510%
11	9.734	1294	1300	1304	rBV	1691319	1586447	33.48%	2.859%
12	9.763	1304	1305	1310	rVB	63988	51422	1.09%	0.093%
13	9.951	1332	1337	1343	rBV3	72114	129925	2.74%	0.234%
14	10.016	1343	1348	1352	rBV3	31282	65893	1.39%	0.119%
15	10.175	1372	1375	1377	rVB	60743	55375	1.17%	0.100%
16	10.275	1390	1392	1399	rVB	44590	55554	1.17%	0.100%
17	10.392	1405	1412	1418	rBV3	75381	159383	3.36%	0.287%
18	10.522	1429	1434	1445	rBV	3100850	3292403	69.49%	5.933%
19	10.645	1452	1455	1456	rBV	88814	90766	1.92%	0.164%
20	11.086	1528	1530	1533	rBV	72010	69257	1.46%	0.125%
21	11.122	1533	1536	1541	rVB2	71418	87055	1.84%	0.157%
22	11.210	1548	1551	1554	rBV	1773472	1655811	34.95%	2.984%
23	11.233	1554	1555	1559	rVV	387884	256176	5.41%	0.462%
24	11.286	1562	1564	1568	rVB	80389	73691	1.56%	0.133%
25	11.516	1600	1603	1609	rBV3	65810	72900	1.54%	0.131%
26	11.716	1634	1637	1638	rBV	118868	110020	2.32%	0.198%
27	11.757	1638	1644	1652	rVV2	1826724	2740917	57.85%	4.939%
28	11.822	1653	1655	1664	rVB2	134239	218582	4.61%	0.394%
29	11.922	1669	1672	1674	rVB	56986	53130	1.12%	0.096%
30	12.304	1735	1737	1741	rVB2	70248	59521	1.26%	0.107%
31	12.422	1753	1757	1759	rBV	534965	504612	10.65%	0.909%
32	12.457	1760	1763	1770	rVV4	190475	360128	7.60%	0.649%
33	12.545	1770	1778	1789	rVV	2541989	4009349	84.62%	7.225%
34	12.645	1789	1795	1798	rVV2	474006	620087	13.09%	1.117%

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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

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35	12.675	1798	1800	1802	rVB2	66464	53492	1.13%	0.096%
36	12.798	1816	1821	1824	rBV	4081106	4410953	93.10%	7.949%
37	13.027	1858	1860	1865	rVB2	82440	102485	2.16%	0.185%
38	13.274	1898	1902	1906	rBV	345994	508399	10.73%	0.916%
39	13.351	1912	1915	1916	rBV	81962	75872	1.60%	0.137%
40	13.698	1971	1974	1977	rVB	125001	119181	2.52%	0.215%
41	13.745	1977	1982	1991	rBV2	225557	675083	14.25%	1.217%
42	13.839	1993	1998	2001	rBV	1402399	1420991	29.99%	2.561%
43	13.951	2014	2017	2019	rBV2	113495	122105	2.58%	0.220%
44	14.010	2024	2027	2030	rBV	175038	166760	3.52%	0.301%
45	14.316	2075	2079	2082	rVB	257742	269616	5.69%	0.486%
46	14.604	2125	2128	2137	rVB	364885	426830	9.01%	0.769%
47	14.851	2166	2170	2173	rBV	178532	269160	5.68%	0.485%
48	14.916	2177	2181	2185	rVB	545539	633617	13.37%	1.142%
49	15.127	2215	2217	2223	rVB	112095	125158	2.64%	0.226%
50	15.186	2224	2227	2232	rVB	163658	192510	4.06%	0.347%
51	15.245	2232	2237	2239	rBV	1056839	1320907	27.88%	2.380%
52	15.668	2304	2309	2314	rVB	689367	958541	20.23%	1.727%
53	16.121	2381	2386	2398	rVB2	198711	386601	8.16%	0.697%
54	16.598	2464	2467	2473	rVV2	64681	99345	2.10%	0.179%
55	16.662	2474	2478	2483	rVB	89552	156474	3.30%	0.282%

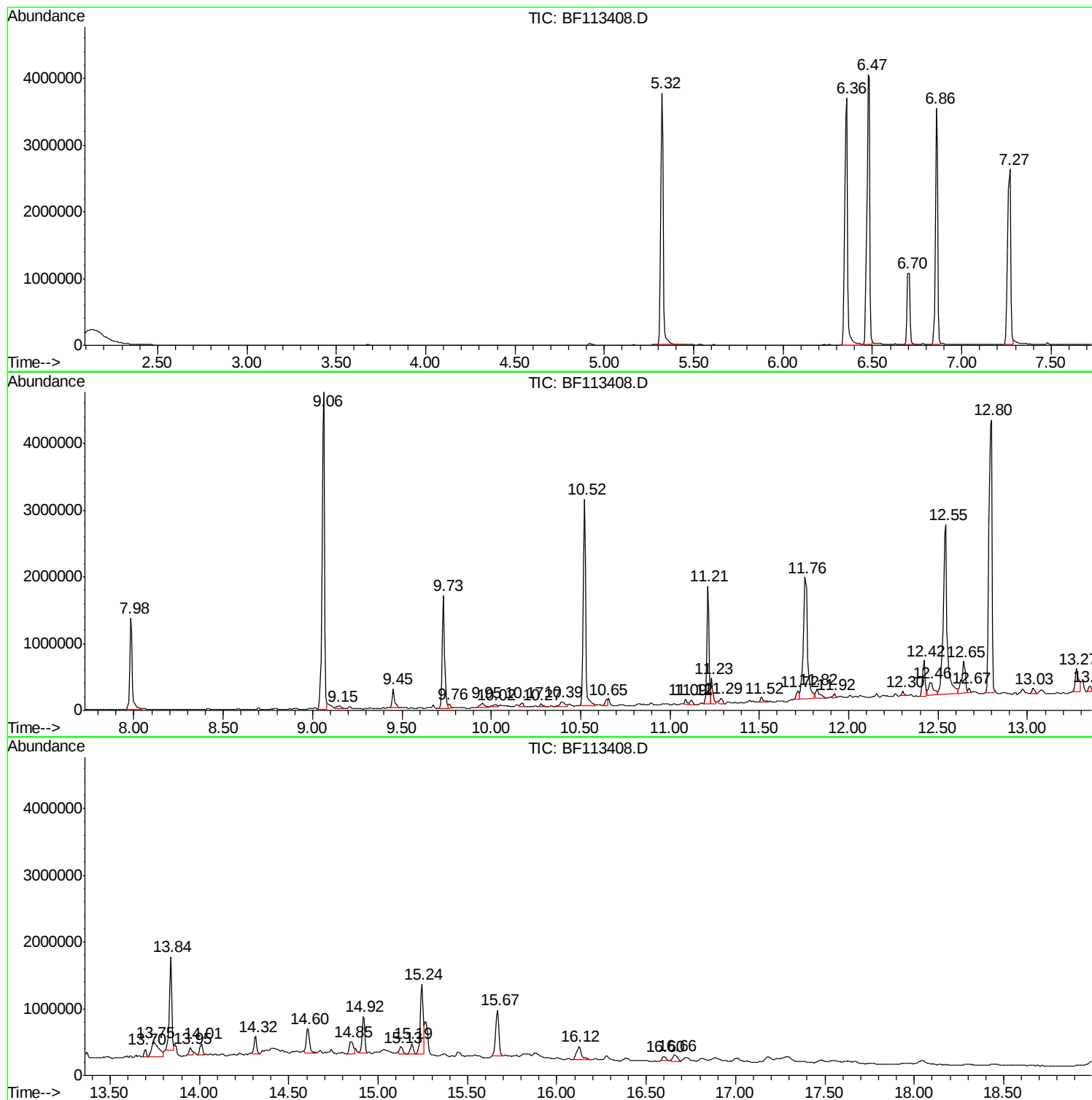
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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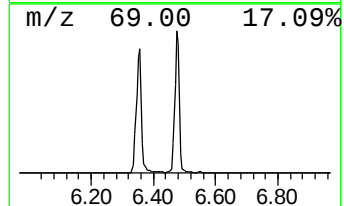
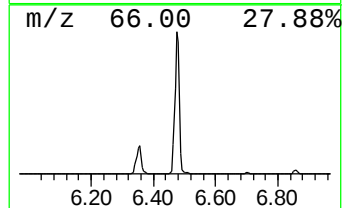
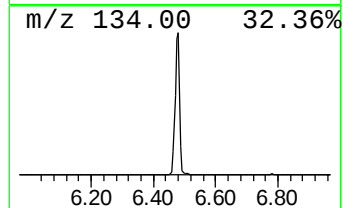
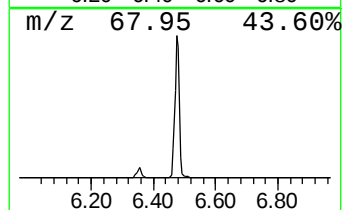
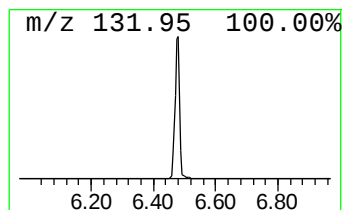
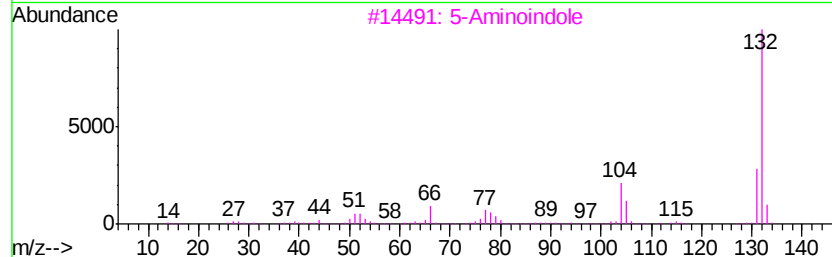
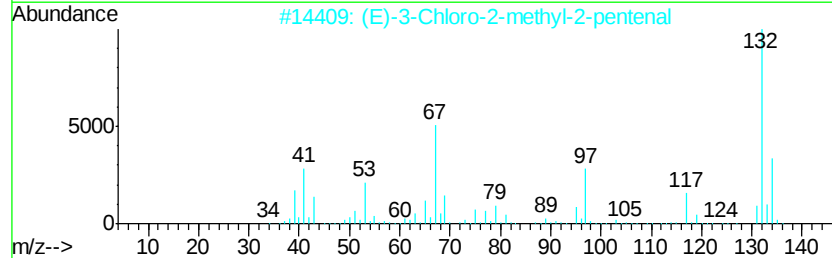
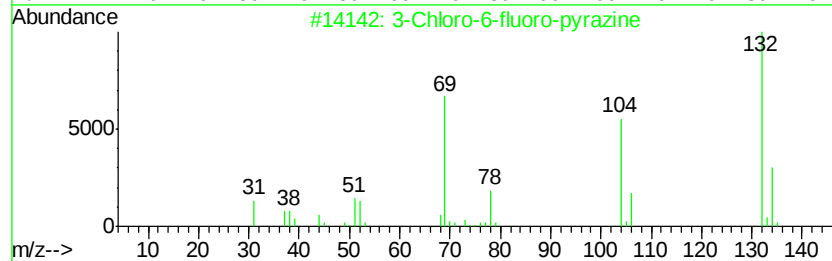
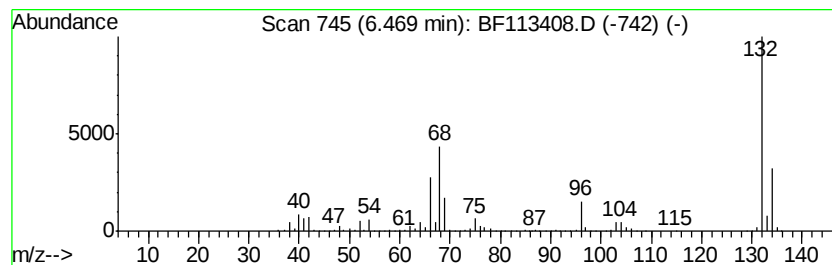
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	82.49 ng	4311850	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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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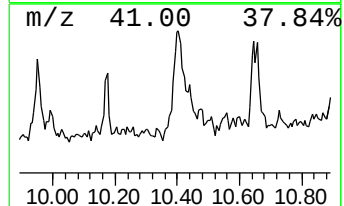
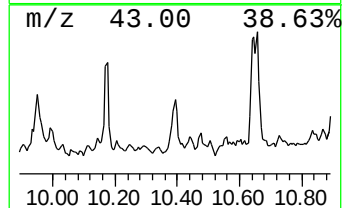
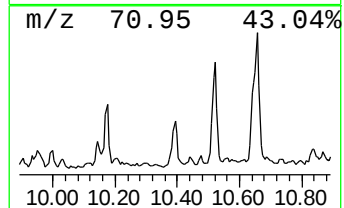
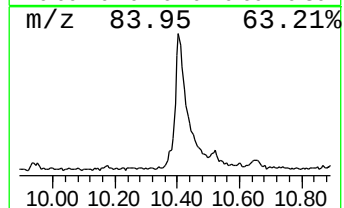
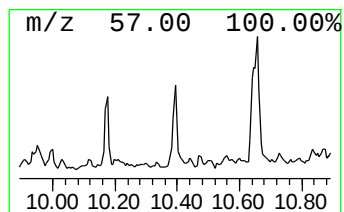
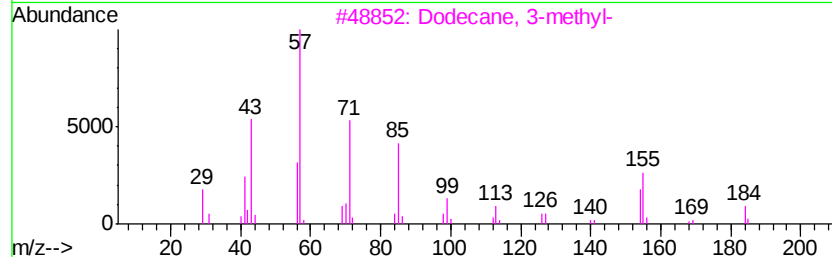
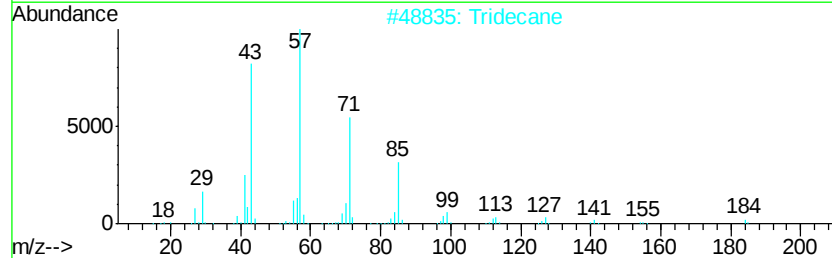
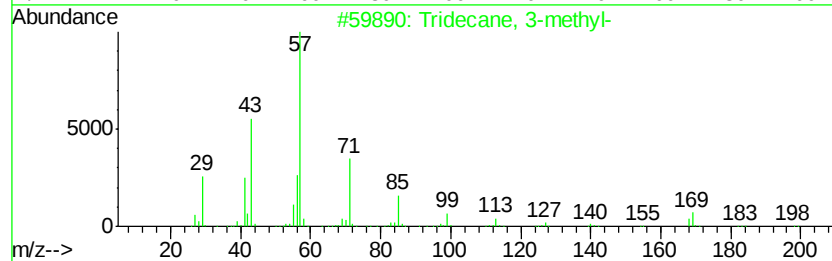
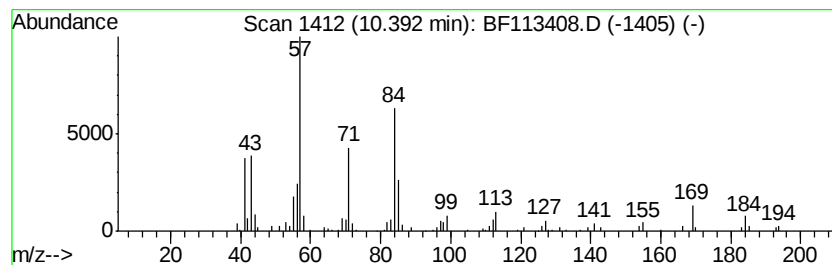
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown10.39 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.39	2.01 ng	159383	Acenaphthene-d10		9.73
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
2	Tridecane	184	C13H28	000629-50-5	46
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
4	Hexacosane	366	C26H54	000630-01-3	43
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43



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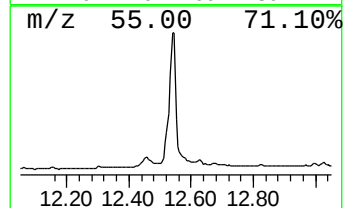
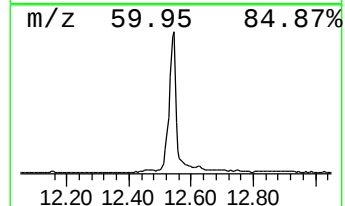
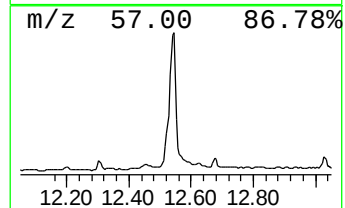
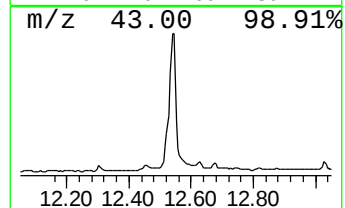
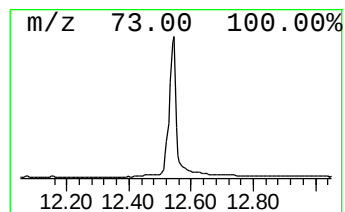
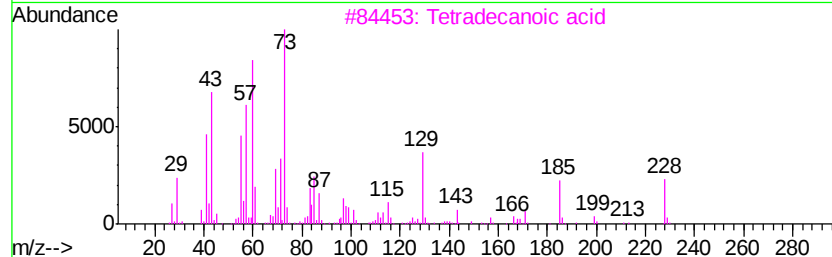
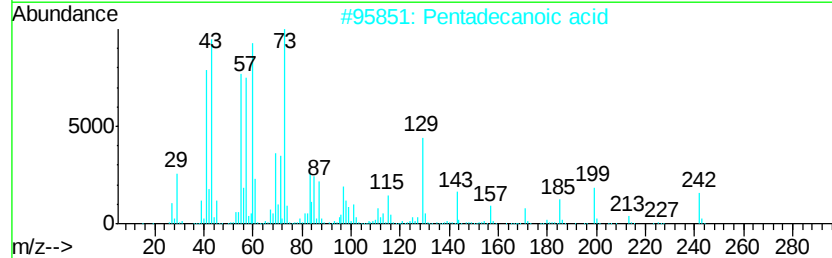
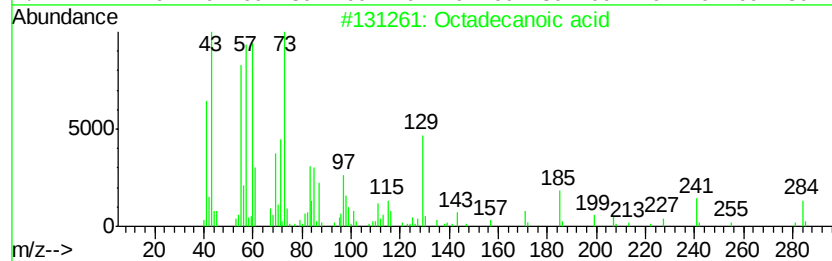
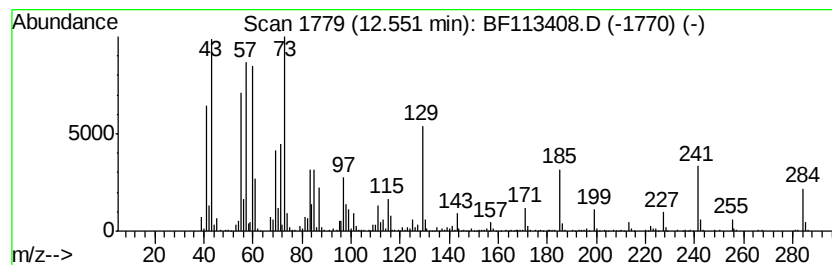
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.55	56.43 ng	4009350	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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tridecane	184	C13H28	000629-50-5	25



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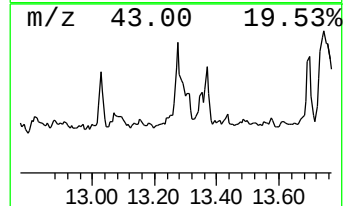
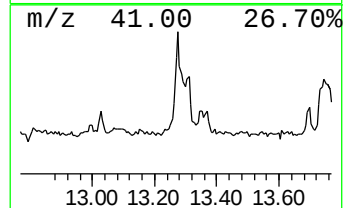
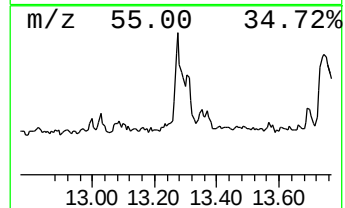
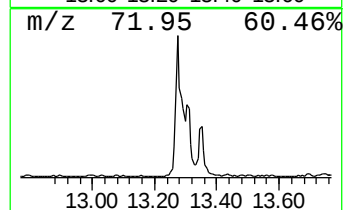
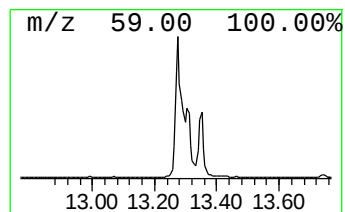
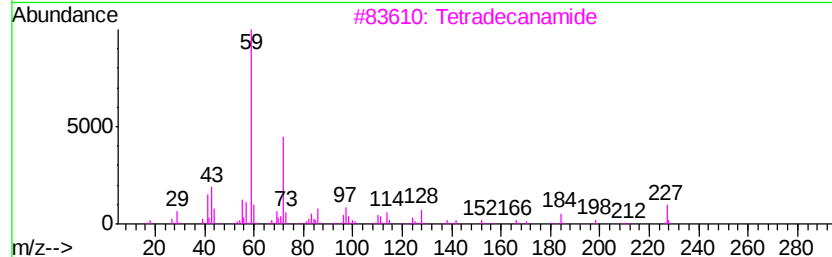
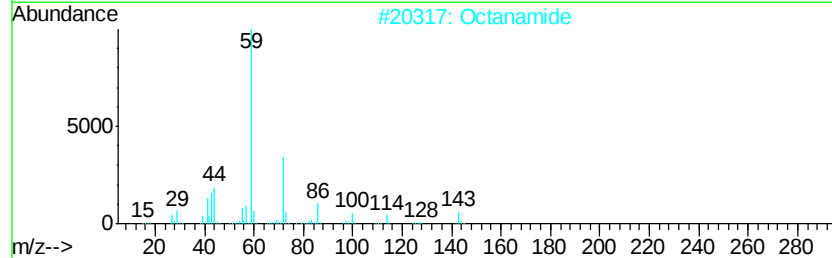
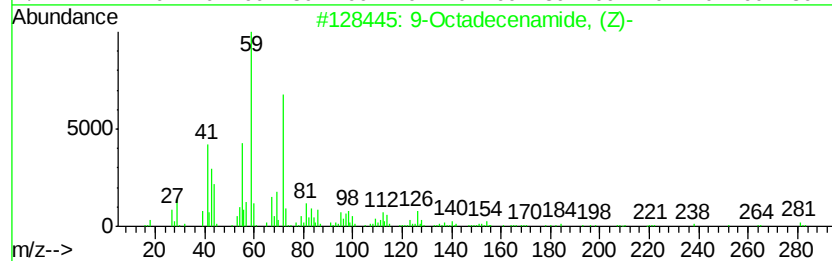
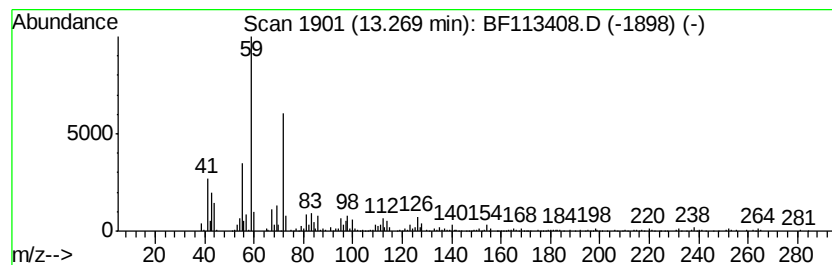
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.16 ng	508399	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2		Octanamide	143	C8H17NO	000629-01-6	59
3		Tetradecanamide	227	C14H29NO	000638-58-4	50
4		Hexadecanamide	255	C16H33NO	000629-54-9	45
5		Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	43



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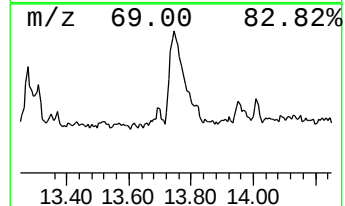
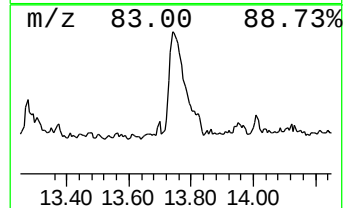
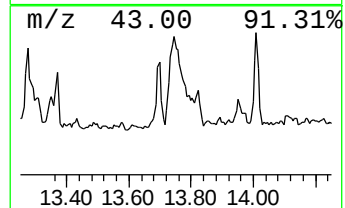
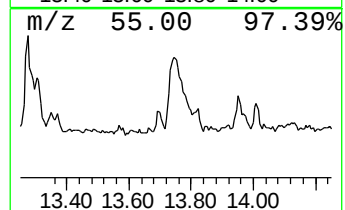
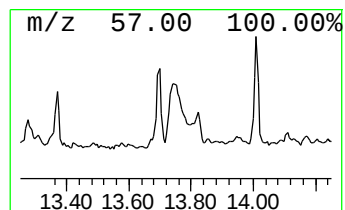
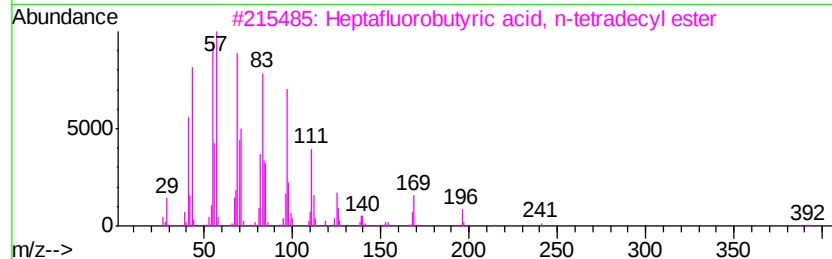
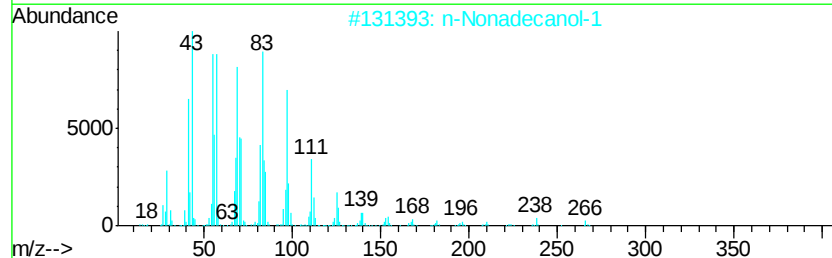
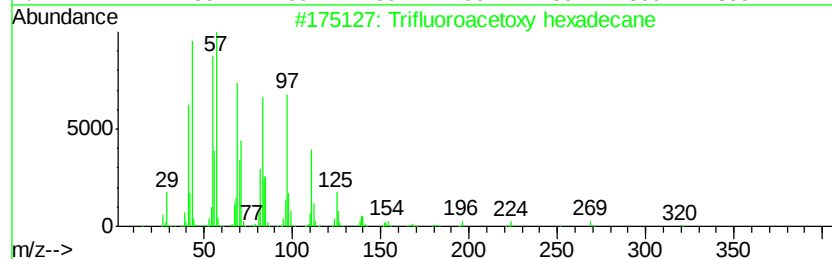
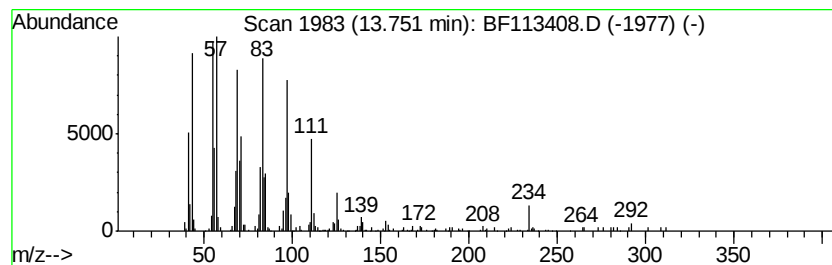
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ClientSampleId :
SSSI-0328-S-DH-5-B

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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 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.75	9.50 ng	675083	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

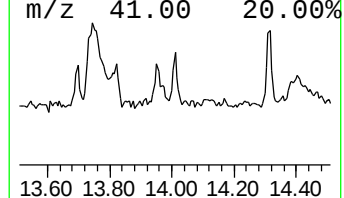
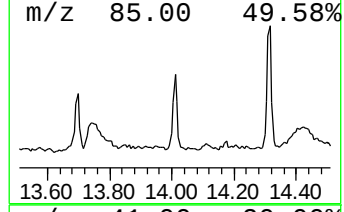
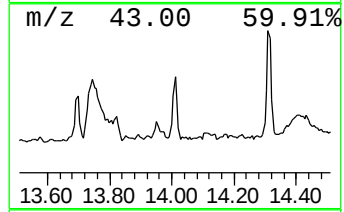
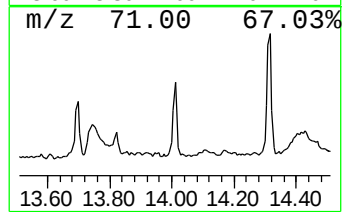
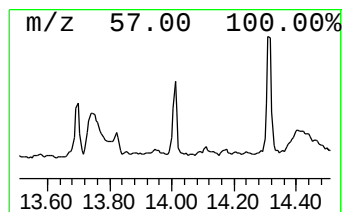
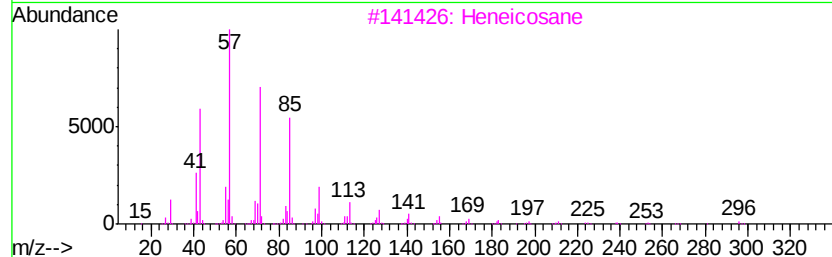
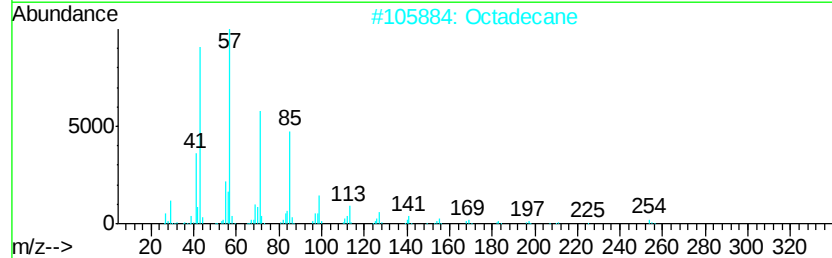
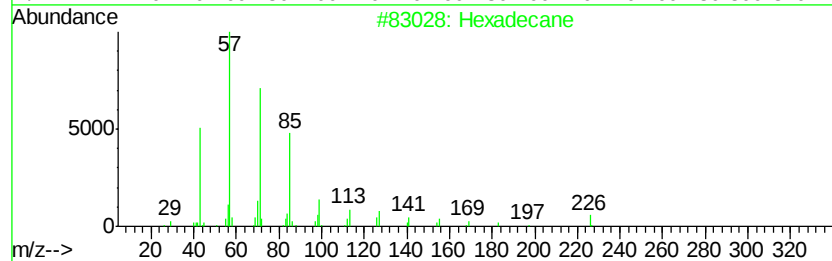
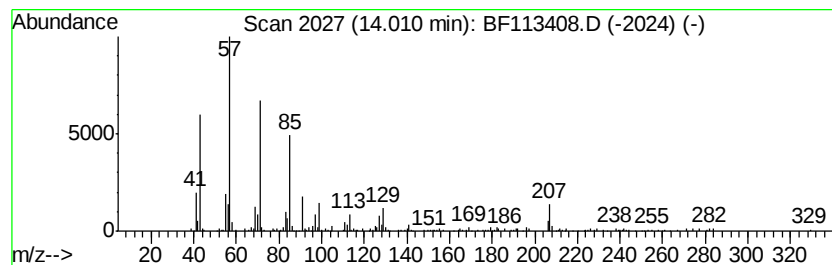
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.35 ng	166760	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	76
2		Octadecane	254	C18H38	000593-45-3	64
3		Heneicosane	296	C21H44	000629-94-7	64
4		Octacosane	394	C28H58	000630-02-4	64
5		Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113408.D
 Acq On : 29 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K2155-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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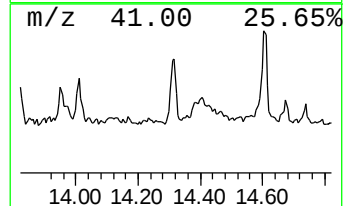
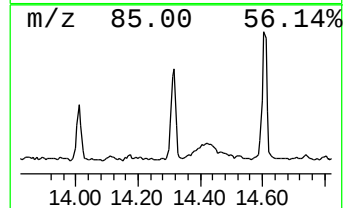
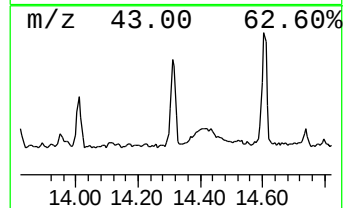
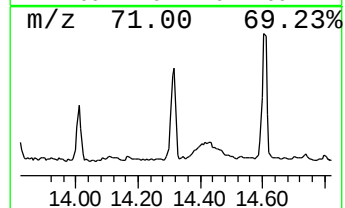
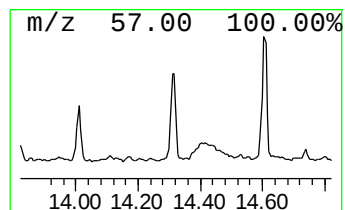
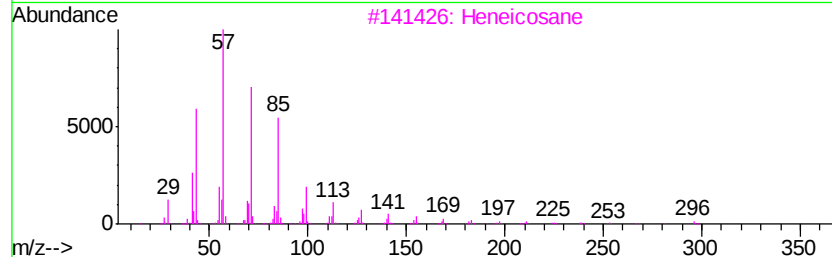
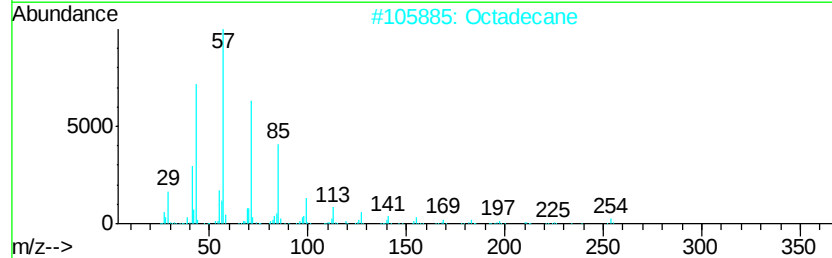
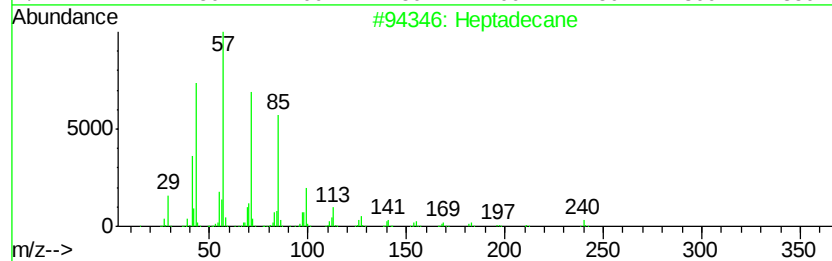
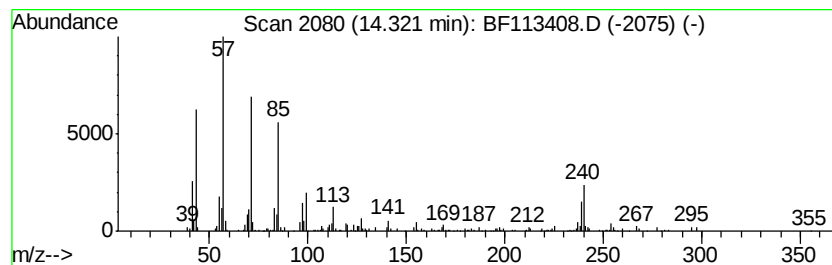
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.79 ng	269616	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Octadecane		254	C18H38	000593-45-3	93
3	Heneicosane		296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	87
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

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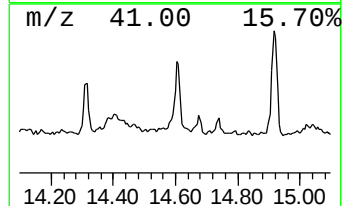
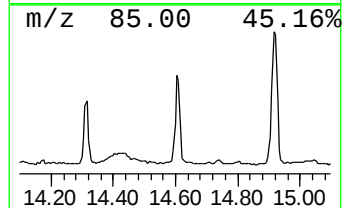
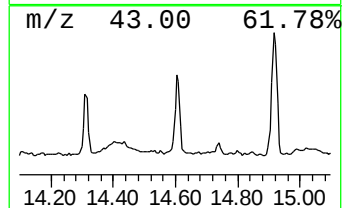
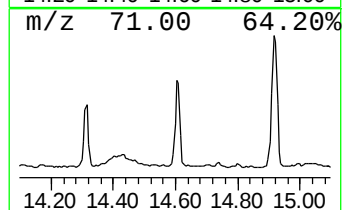
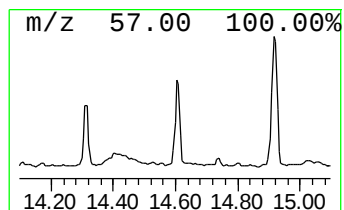
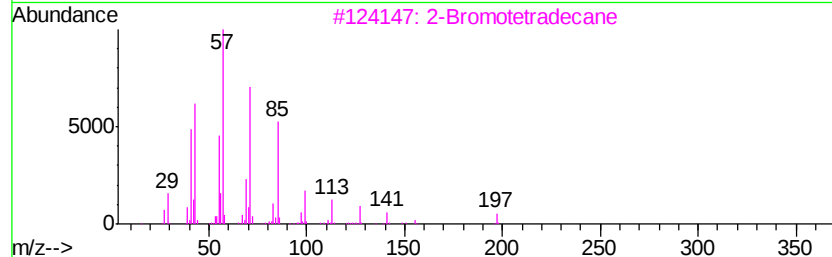
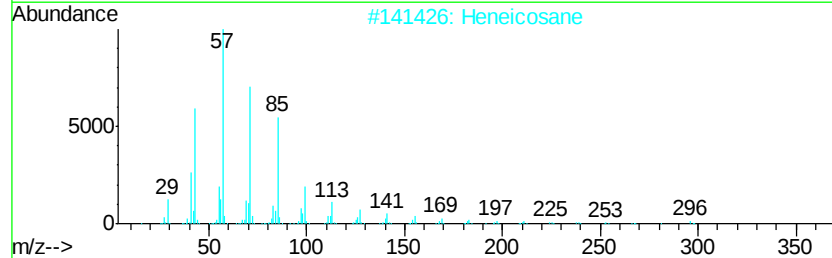
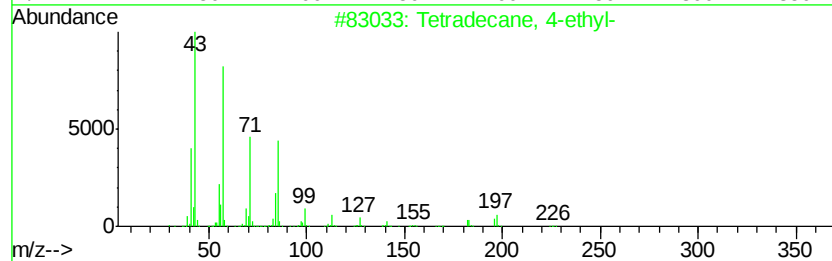
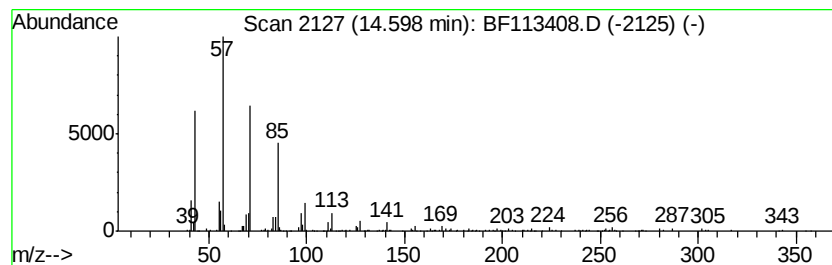
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.46 ng	426830	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
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Instrument :
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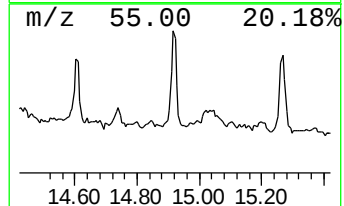
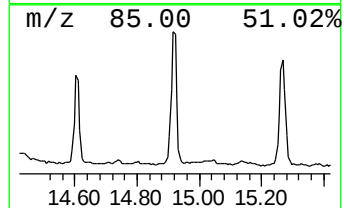
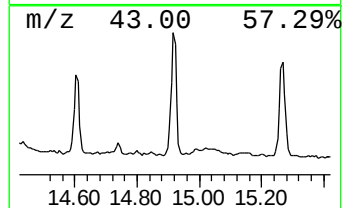
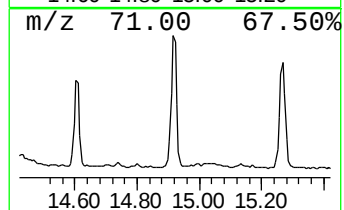
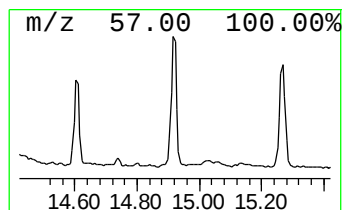
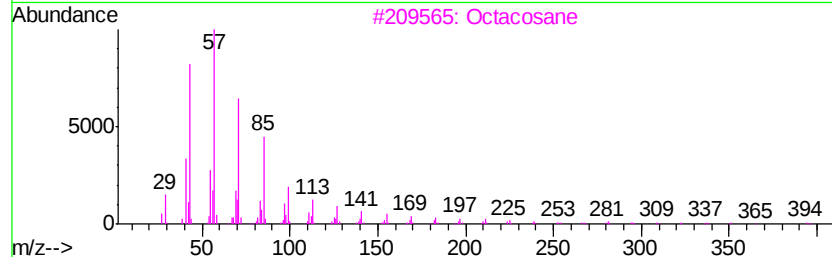
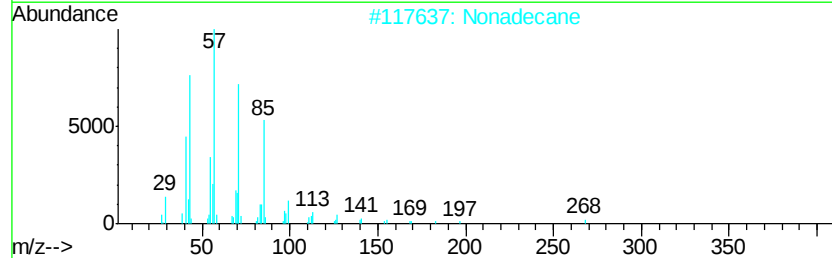
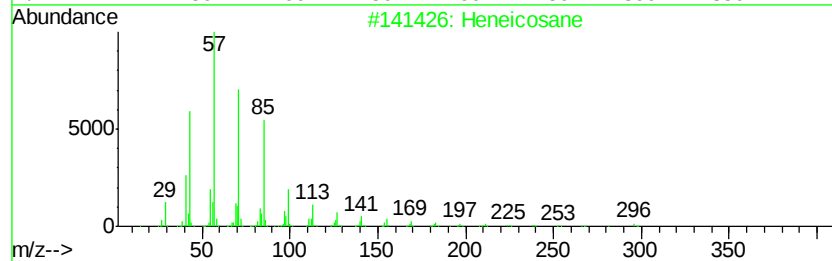
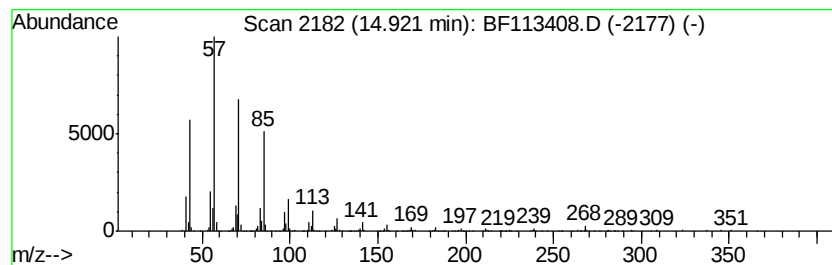
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	9.59 ng	633617	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonadecane		268	C19H40	000629-92-5	90
3	Octacosane		394	C28H58	000630-02-4	83
4	Hexatriacontane		507	C36H74	000630-06-8	83
5	Heptacosane		380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSSI-0328-S-DH-5-B

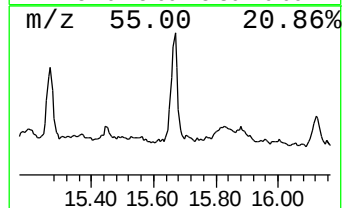
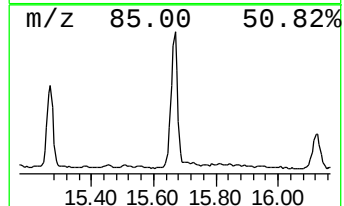
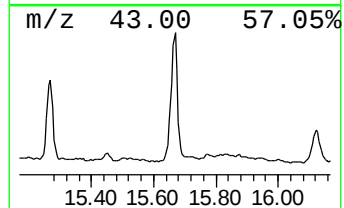
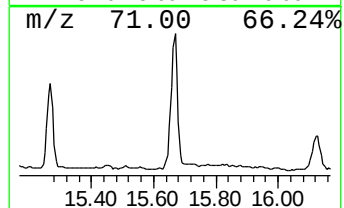
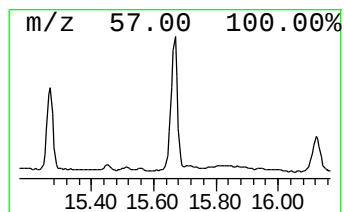
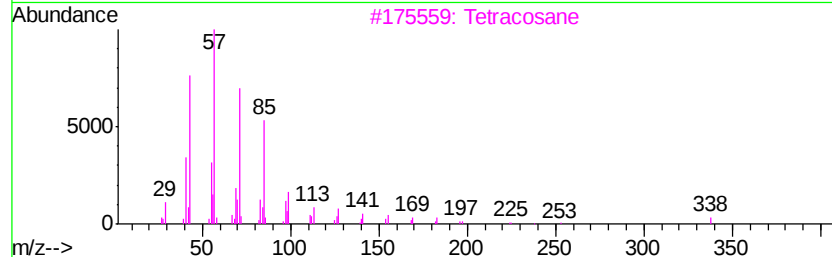
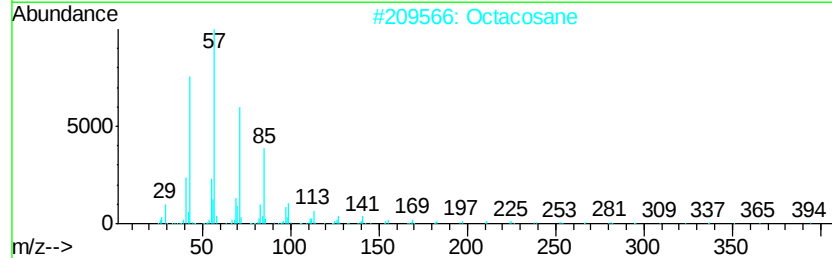
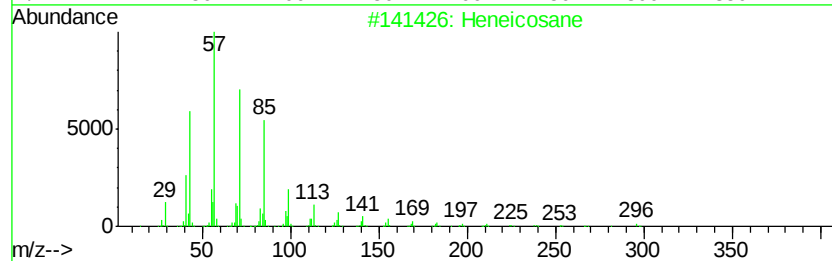
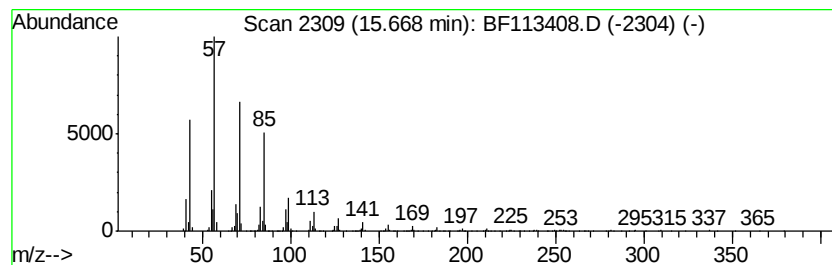
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	14.51 ng	958541	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			Tetracosane	338	C24H50	000646-31-1	90
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
SSSI-0328-S-DH-5-B

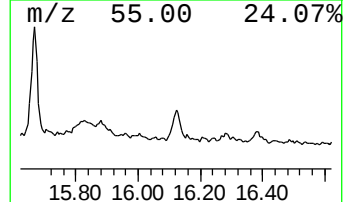
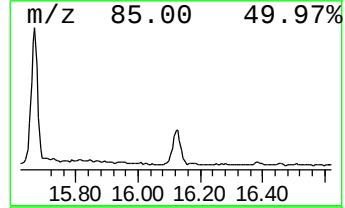
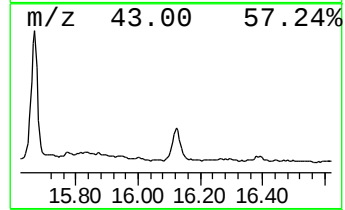
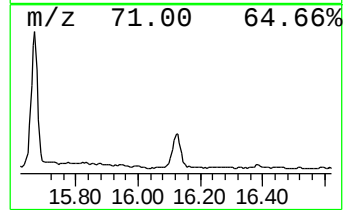
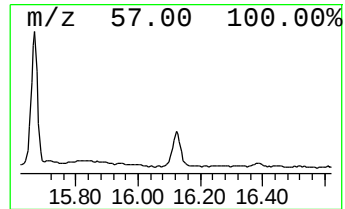
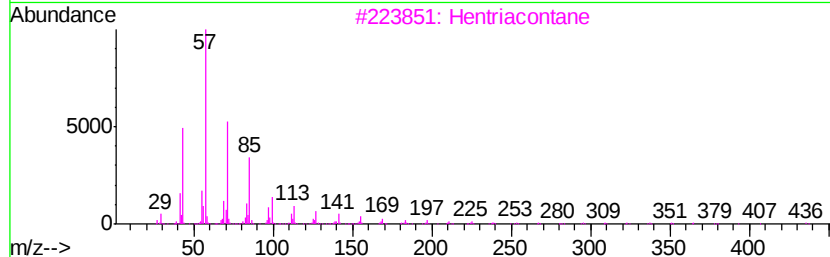
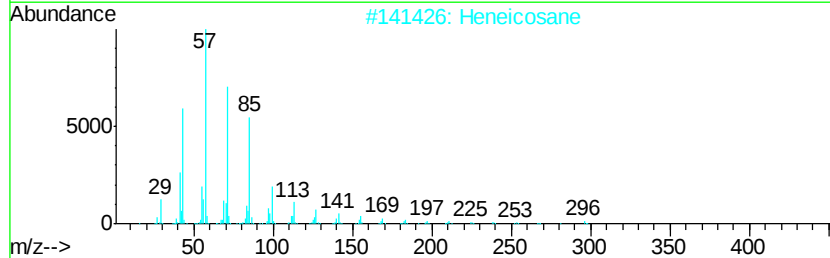
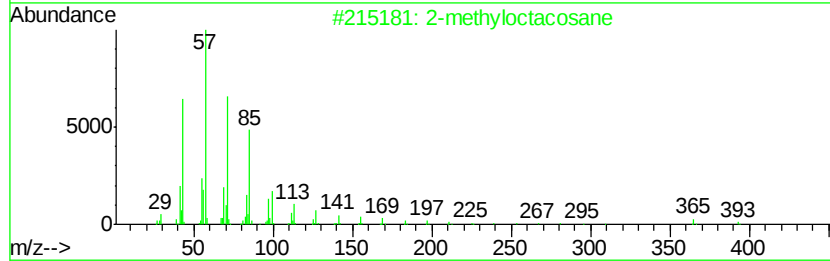
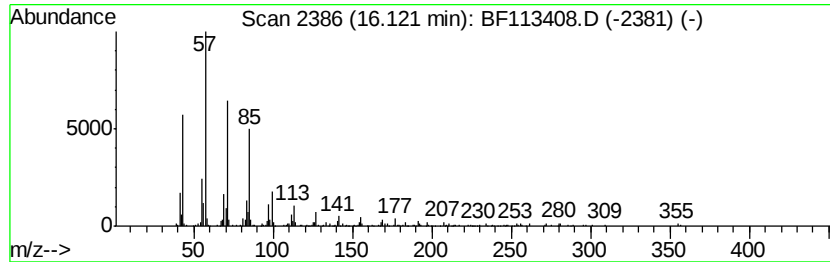
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.85 ng	386601	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Octacosane	394	C28H58	000630-02-4	87
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

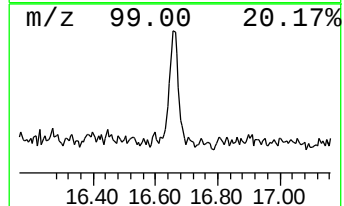
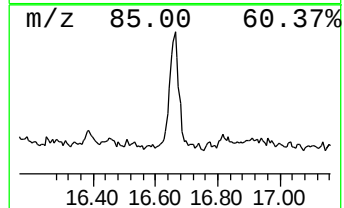
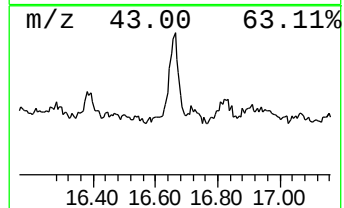
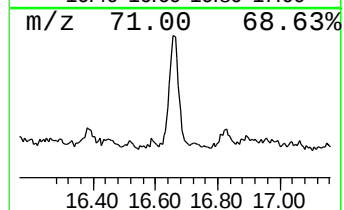
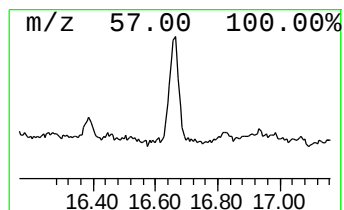
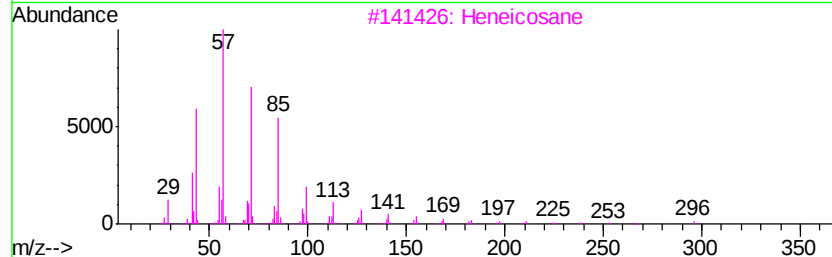
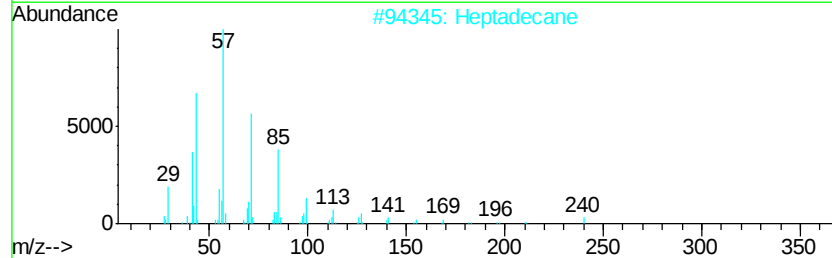
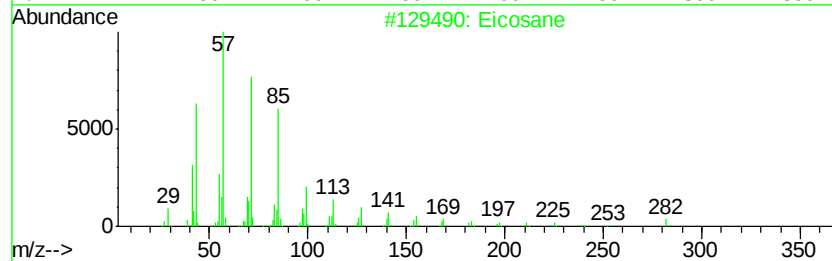
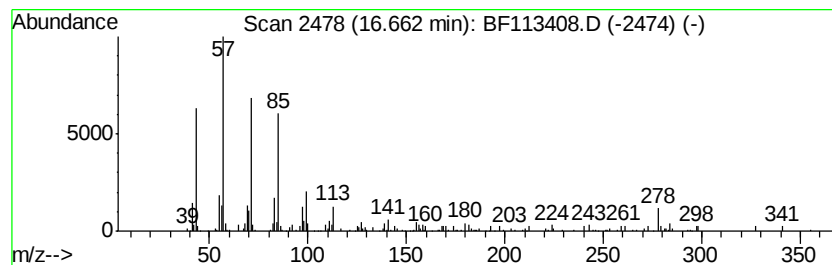
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.37 ng	156474	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Heptadecane	240	C17H36	000629-78-7	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		Pentacosane	352	C25H52	000629-99-2	58
5		Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
Acq On : 29 Mar 2019 11:49
Operator : JU/SJ
Sample : K2155-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

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
unknown6.47	6.47	82.5	ng	4311850	1	6.70	1045410	20.0
unknown10.39	10.39	2.0	ng	159383	3	9.73	1586450	20.0
Octadecanoic acid	12.55	56.4	ng	4009350	5	13.84	1420990	20.0
9-Octadecenamide,...	13.27	7.2	ng	508399	5	13.84	1420990	20.0
Trifluoroacetoxy ...	13.75	9.5	ng	675083	5	13.84	1420990	20.0
Hexadecane	14.01	2.4	ng	166760	5	13.84	1420990	20.0
Heptadecane	14.32	3.8	ng	269616	5	13.84	1420990	20.0
Tetradecane, 4-et...	14.60	6.5	ng	426830	6	15.24	1320910	20.0
Heneicosane	14.92	9.6	ng	633617	6	15.24	1320910	20.0
Octacosane	15.67	14.5	ng	958541	6	15.24	1320910	20.0
2-methyloctacosane	16.12	5.8	ng	386601	6	15.24	1320910	20.0
Eicosane	16.66	2.4	ng	156474	6	15.24	1320910	20.0