

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
 Data File : BF114685.D
 Acq On : 31 May 2019 2:32
 Operator : HP/JU
 Sample : K2642-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-052919

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-BF052919.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	5.298	541	546	549	rBV	3651897	3712232	90.60%	6.918%
2	6.328	716	721	724	rBV	4278038	3827828	93.43%	7.134%
3	6.463	740	744	747	rBV	4691477	4025846	98.26%	7.503%
4	6.698	780	784	787	rBV	2809211	2233773	54.52%	4.163%
5	6.851	807	810	814	rVB	3751415	3151363	76.92%	5.873%
6	7.251	874	878	881	rBV	2736032	2234062	54.53%	4.163%
7	7.975	998	1001	1005	rBV	3080665	2791331	68.13%	5.202%
8	8.422	1074	1077	1084	rBV4	50145	82398	2.01%	0.154%
9	9.051	1180	1184	1187	rBV	5194839	4097180	100.00%	7.636%
10	9.145	1196	1200	1202	rVB4	50384	50469	1.23%	0.094%
11	9.175	1202	1205	1208	rBV	449660	344247	8.40%	0.642%
12	9.445	1247	1251	1253	rBV	568557	506074	12.35%	0.943%
13	9.504	1258	1261	1265	rVB3	102734	87704	2.14%	0.163%
14	9.580	1271	1274	1278	rBV	103449	113265	2.76%	0.211%
15	9.645	1282	1285	1288	rVB2	69966	62707	1.53%	0.117%
16	9.722	1294	1298	1302	rBV	3260602	2895089	70.66%	5.395%
17	9.757	1302	1304	1308	rVB2	159772	169983	4.15%	0.317%
18	9.886	1323	1326	1328	rBV3	54934	54056	1.32%	0.101%
19	9.910	1328	1330	1331	rBV	95995	77446	1.89%	0.144%
20	10.045	1348	1353	1355	rBV2	39884	60228	1.47%	0.112%
21	10.116	1363	1365	1372	rVB7	61445	92458	2.26%	0.172%
22	10.175	1372	1375	1376	rBV	65699	63846	1.56%	0.119%
23	10.263	1388	1390	1393	rVB	71268	58491	1.43%	0.109%
24	10.292	1393	1395	1398	rVB2	69775	59667	1.46%	0.111%
25	10.369	1404	1408	1410	rBV4	47099	69212	1.69%	0.129%
26	10.392	1410	1412	1415	rVB3	58128	54816	1.34%	0.102%
27	10.504	1427	1431	1436	rVB	2444638	2105460	51.39%	3.924%
28	10.639	1452	1454	1456	rBV2	71906	63141	1.54%	0.118%
29	10.927	1500	1503	1507	rBV4	77048	88925	2.17%	0.166%
30	11.092	1528	1531	1533	rVV2	136882	112448	2.74%	0.210%
31	11.121	1533	1536	1540	rVB	99447	99026	2.42%	0.185%
32	11.198	1545	1549	1551	rBV	3343825	2707269	66.08%	5.045%
33	11.222	1551	1553	1556	rVB	739529	560104	13.67%	1.044%
34	11.269	1558	1561	1565	rVB	251165	223624	5.46%	0.417%

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35	11.339	1570	1573	1576	rBV2	62450	76759	1.87%	0.143%
36	11.516	1600	1603	1608	rVB2	150320	183637	4.48%	0.342%
37	11.610	1616	1619	1622	rBV2	64219	70697	1.73%	0.132%
38	11.680	1627	1631	1632	rBV4	60002	92386	2.25%	0.172%
39	11.698	1632	1634	1636	rBV	163082	121137	2.96%	0.226%
40	11.727	1636	1639	1640	rBV	194949	200196	4.89%	0.373%
41	11.810	1649	1653	1655	rBV2	380128	420018	10.25%	0.783%
42	11.921	1669	1672	1677	rBV3	202476	238925	5.83%	0.445%
43	11.992	1681	1684	1685	rBV	134275	107337	2.62%	0.200%
44	12.074	1695	1698	1699	rBV2	69120	79969	1.95%	0.149%
45	12.121	1704	1706	1708	rBV	77909	73456	1.79%	0.137%
46	12.169	1712	1714	1716	rBV	81657	83925	2.05%	0.156%
47	12.245	1724	1727	1730	rBV	223835	224249	5.47%	0.418%
48	12.304	1735	1737	1741	rBV3	297802	326902	7.98%	0.609%
49	12.404	1750	1754	1759	rBV	1819464	1628672	39.75%	3.035%
50	12.451	1759	1762	1764	rBV3	230765	280504	6.85%	0.523%
51	12.627	1787	1792	1795	rBV	1802467	1813237	44.26%	3.379%
52	12.680	1798	1801	1803	rBV	347127	305462	7.46%	0.569%
53	12.780	1814	1818	1821	rBV	3759813	3335805	81.42%	6.217%
54	13.027	1858	1860	1863	rVB2	393459	410340	10.02%	0.765%
55	13.063	1863	1866	1868	rBV	317110	362633	8.85%	0.676%
56	13.374	1916	1919	1921	rBV	558613	517265	12.62%	0.964%
57	13.821	1990	1995	1998	rBV2	2506108	3299523	80.53%	6.149%
58	13.845	1998	1999	2002	rVB	816296	476436	11.63%	0.888%
59	14.615	2128	2130	2136	rVB	712690	753116	18.38%	1.404%
60	15.215	2229	2232	2235	rVB	1085788	1240958	30.29%	2.313%

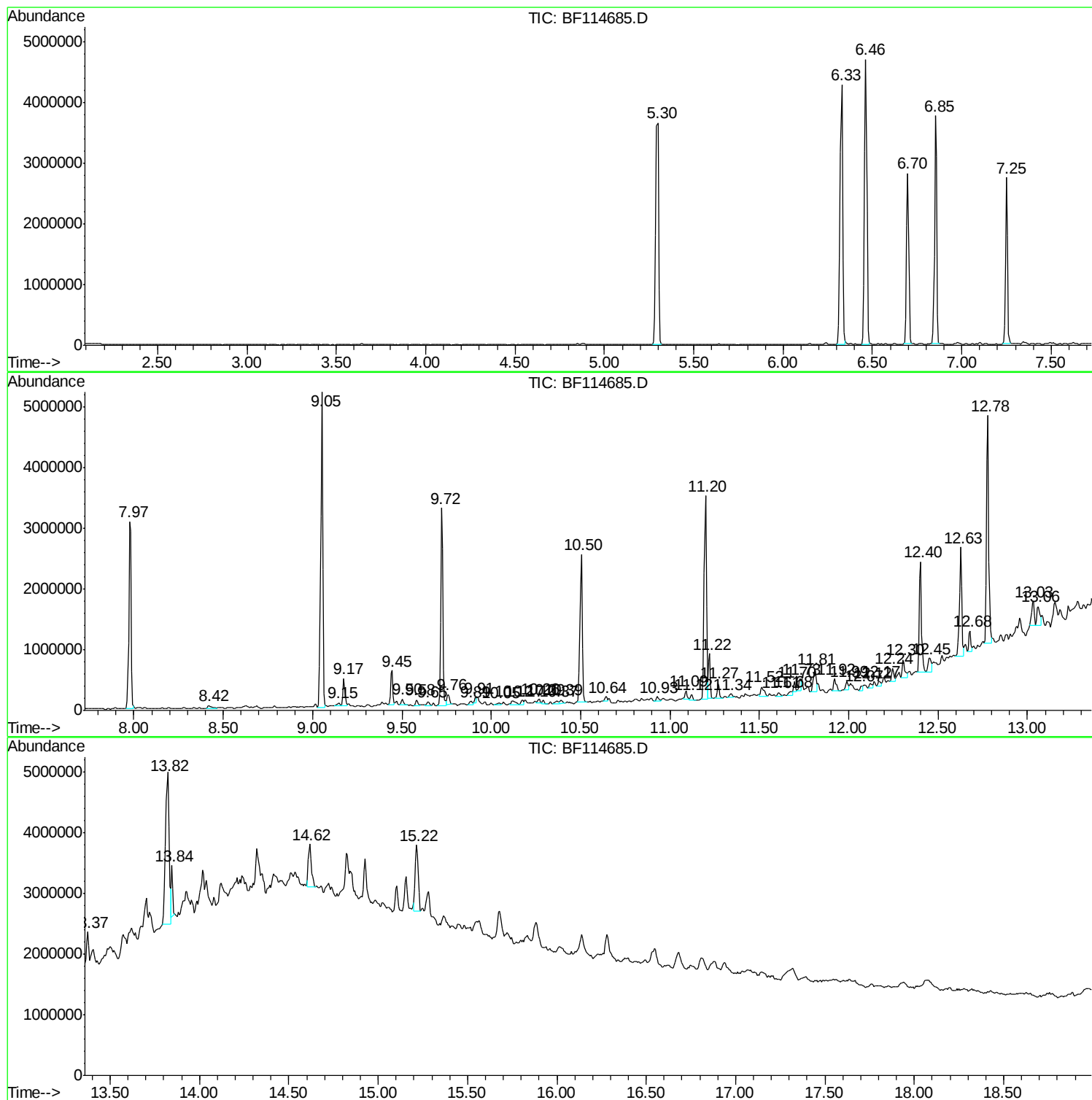
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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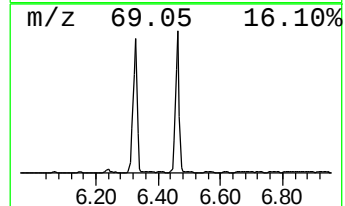
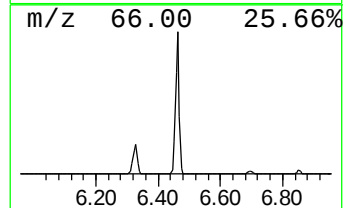
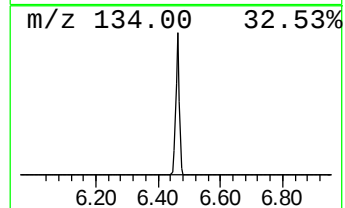
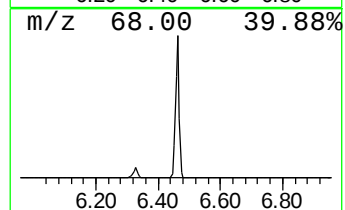
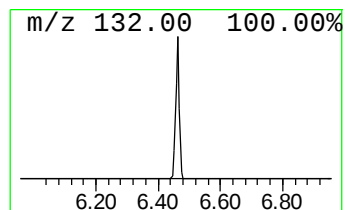
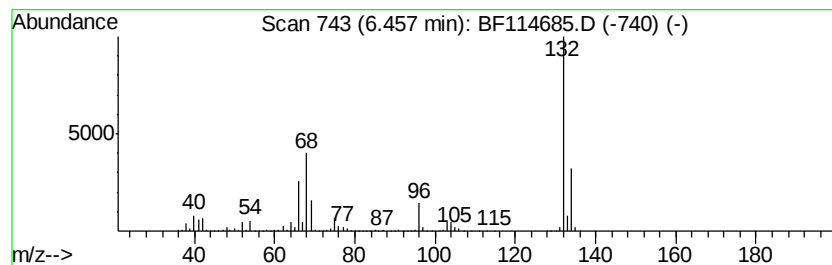
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	36.05 ng	4025850	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	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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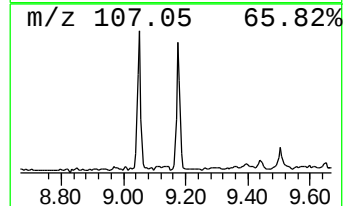
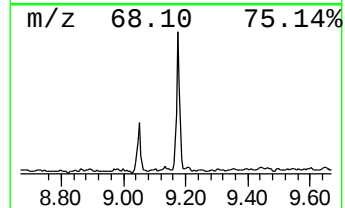
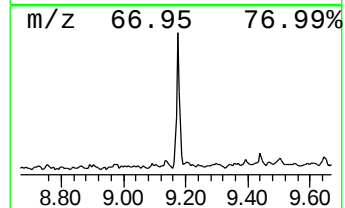
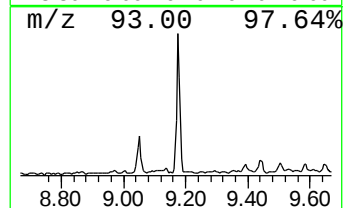
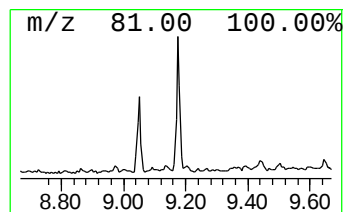
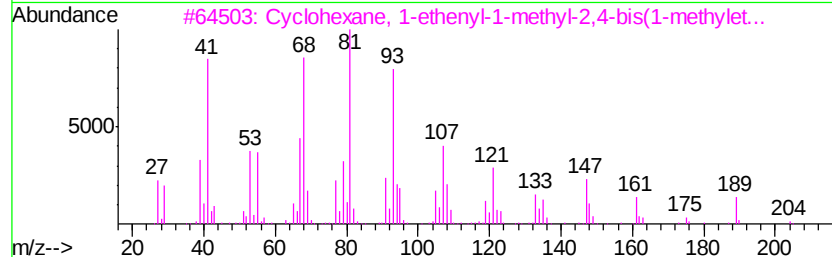
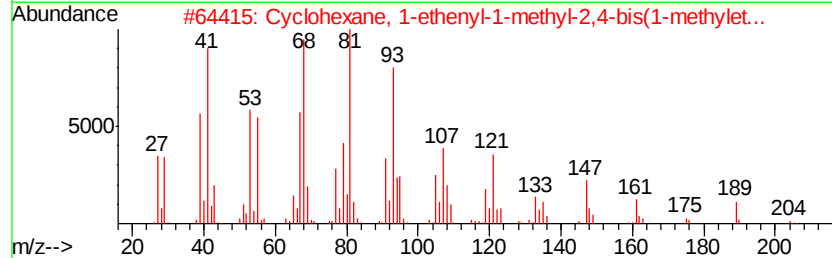
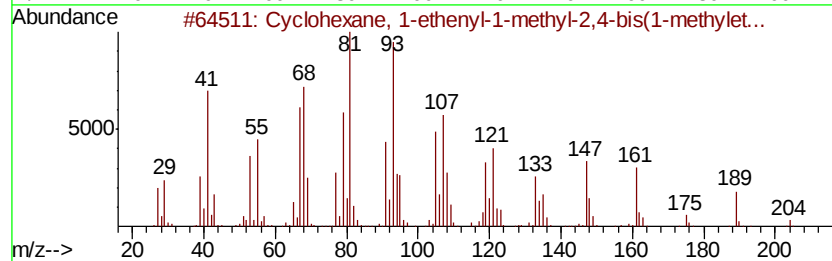
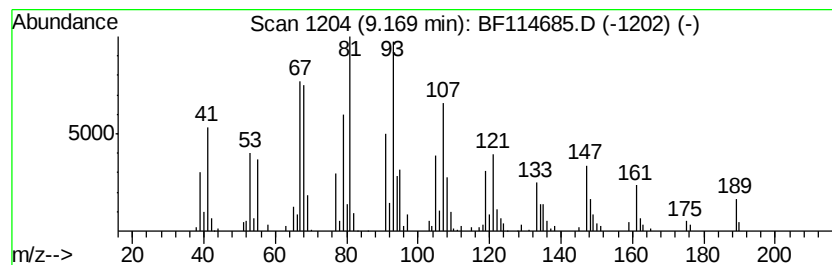
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1-ethenyl-1-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.38 ng	344247	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	91
2		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	110823-68-2	86
3		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	033880-83-0	45
4		Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	43
5		2-(1-Cyclohexenyl)ethylamine	125	C8H15N	003399-73-3	43



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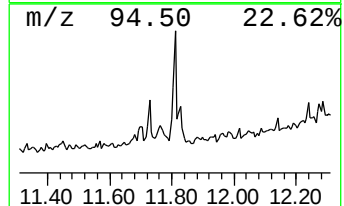
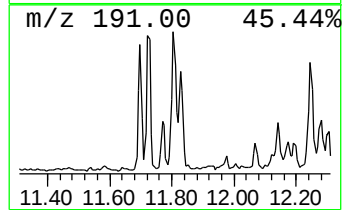
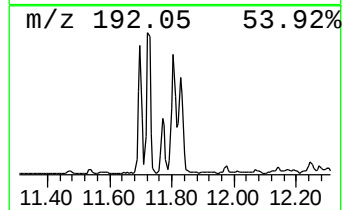
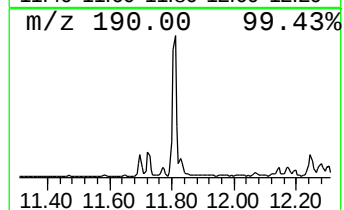
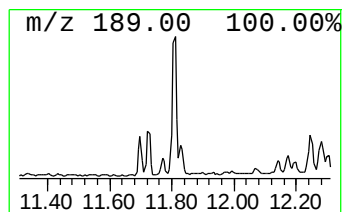
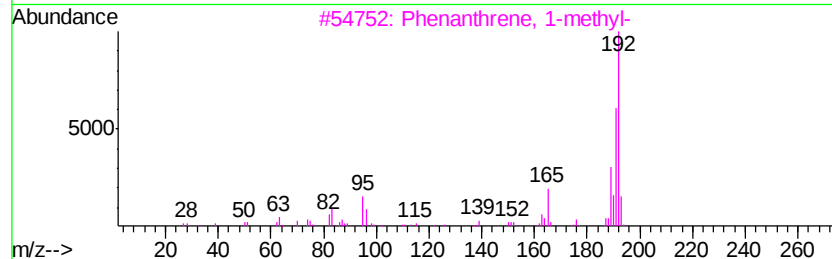
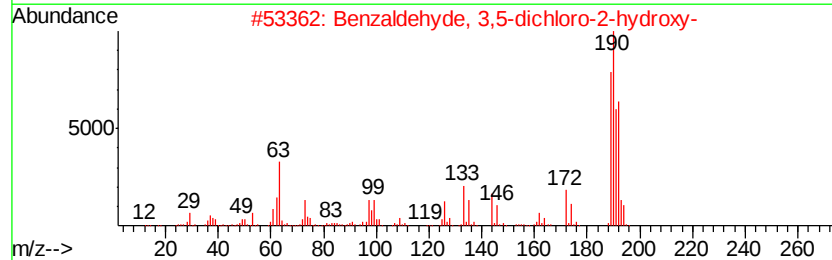
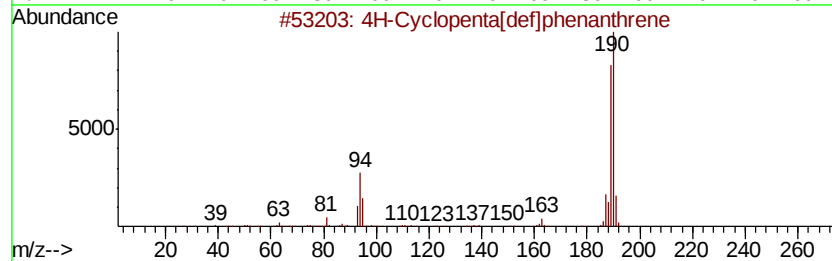
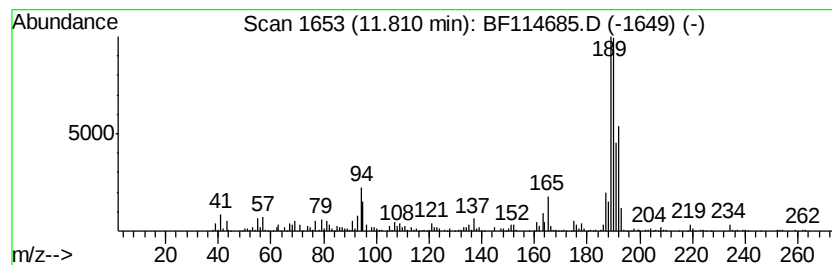
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	3.10 ng	420018	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25



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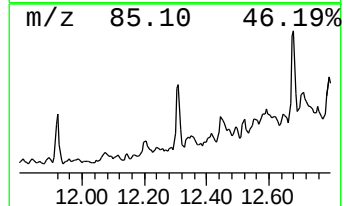
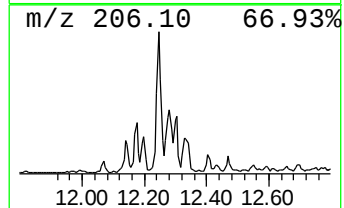
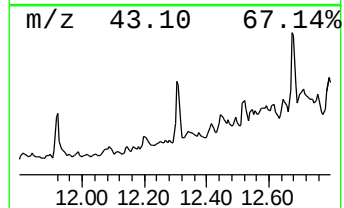
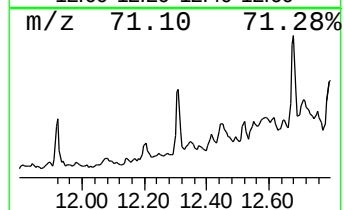
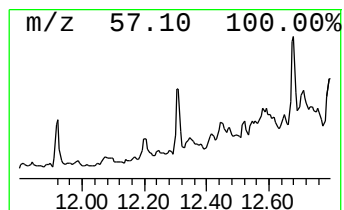
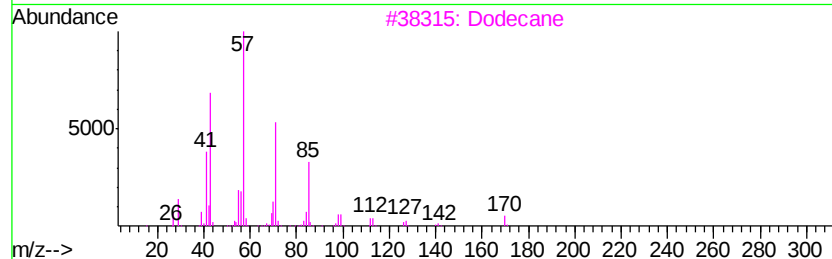
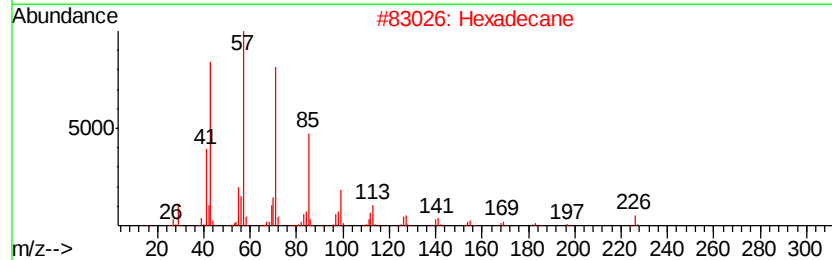
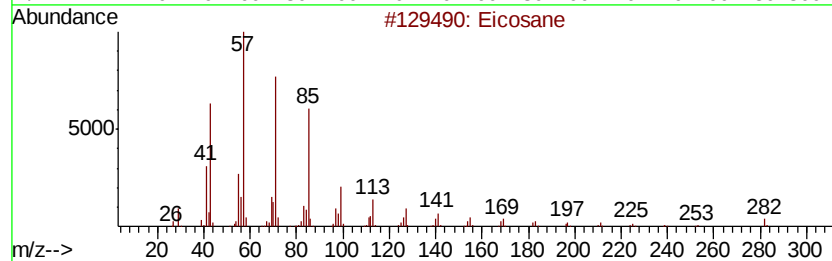
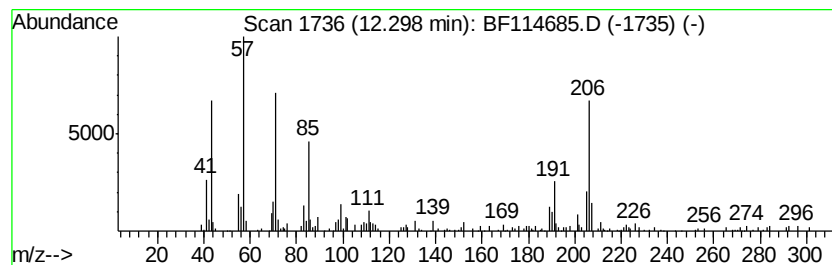
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.41 ng	326902	Phenanthrene-d10	11.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Hexadecane	226 C16H34	000544-76-3	90
3	Dodecane	170 C12H26	000112-40-3	68
4	Heneicosane	296 C21H44	000629-94-7	62
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	62



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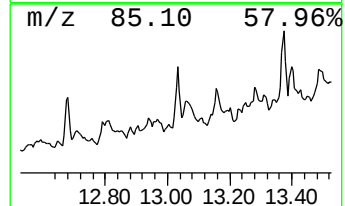
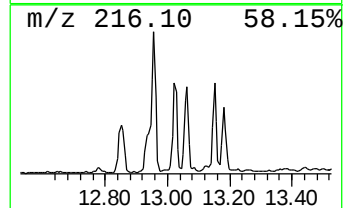
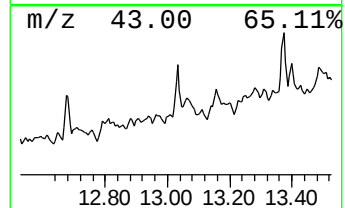
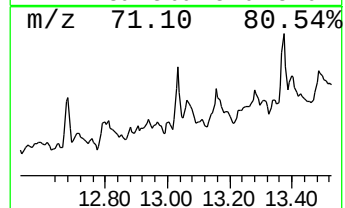
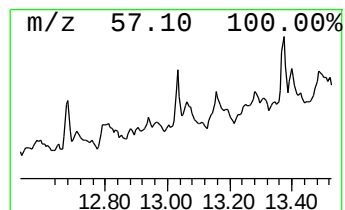
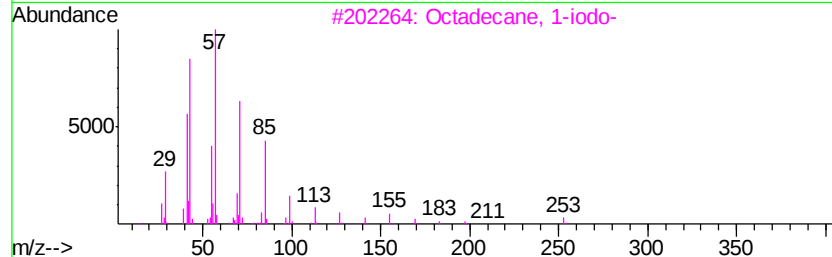
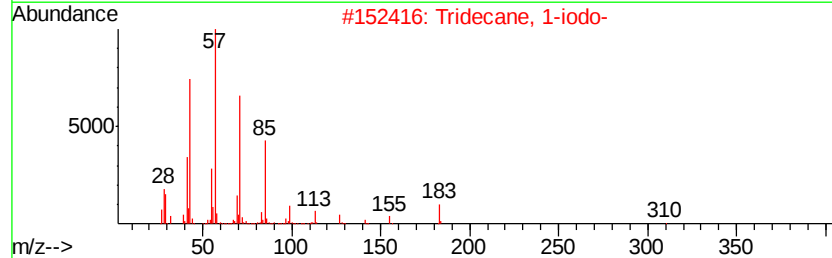
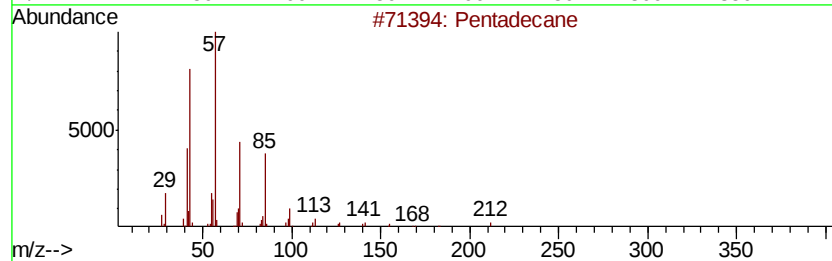
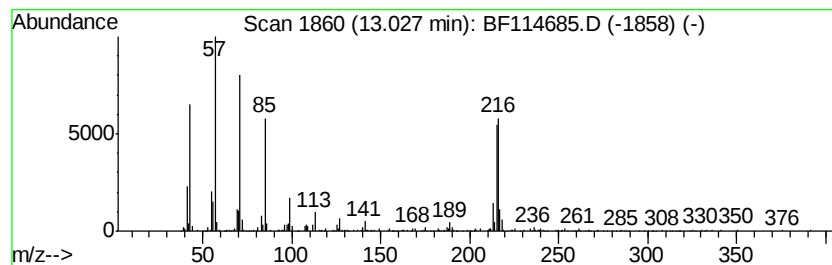
Instrument :
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 ClientSampleId :
 OK-02-052919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.03	2.49 ng	410340	Chrysene-d12	13.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	53
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	45
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114685.D
Acq On : 31 May 2019 2:32
Operator : HP/JU
Sample : K2642-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

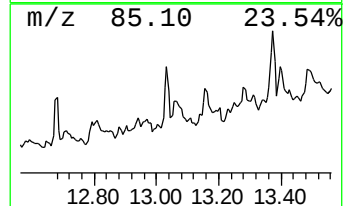
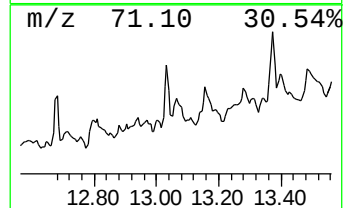
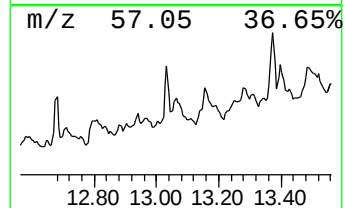
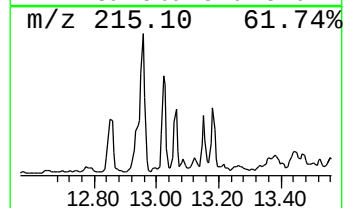
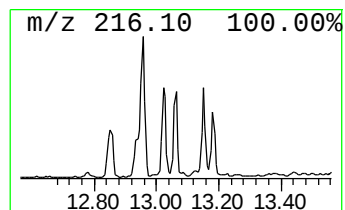
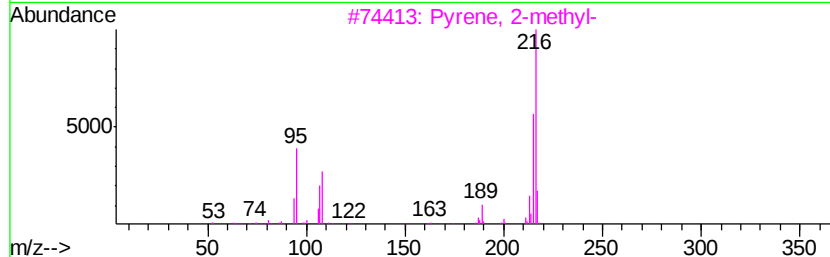
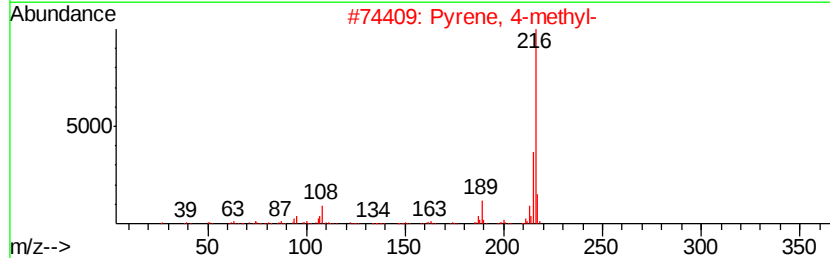
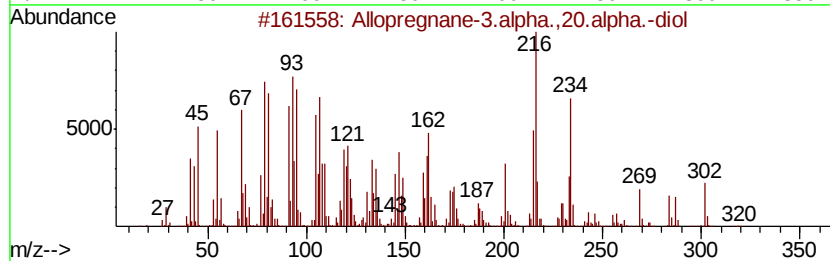
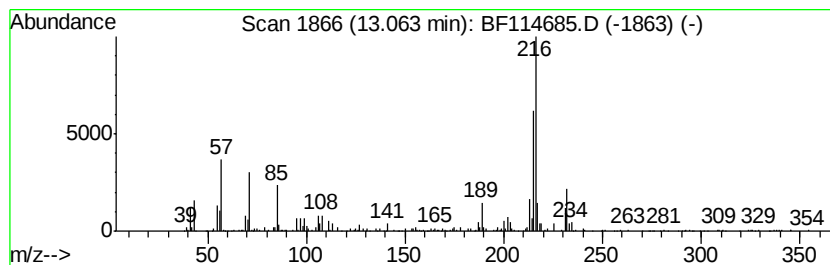
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ClientSampleId :
OK-02-052919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Allopregnane-3.alpha.,20.alpha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.20 ng	362633	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Allopregnane-3.alpha.,20.alpha.-...	320 C21H36O2	000566-58-5 91
2		Pyrene, 4-methyl-	216 C17H12	003353-12-6 91
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 83
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114685.D
Acq On : 31 May 2019 2:32
Operator : HP/JU
Sample : K2642-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

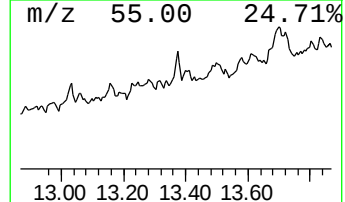
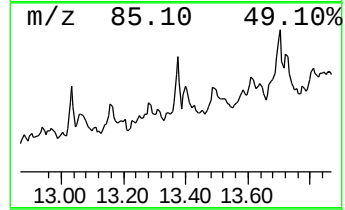
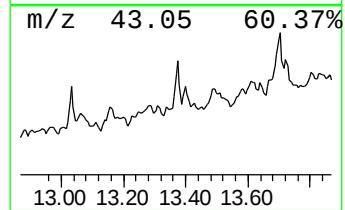
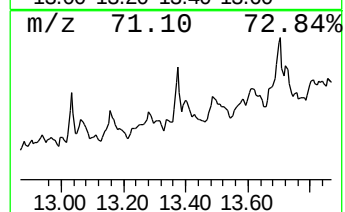
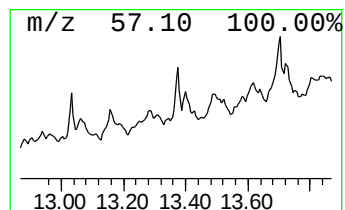
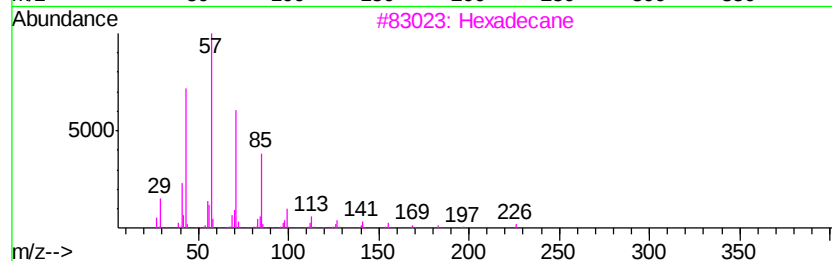
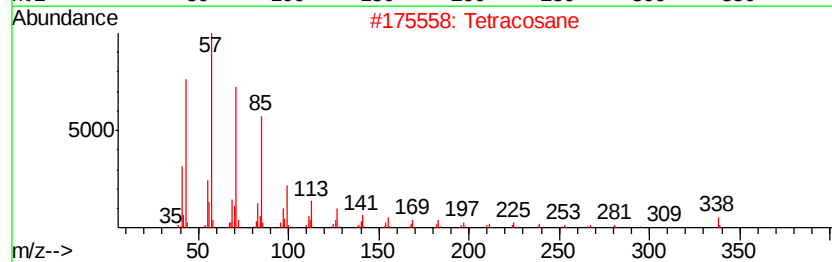
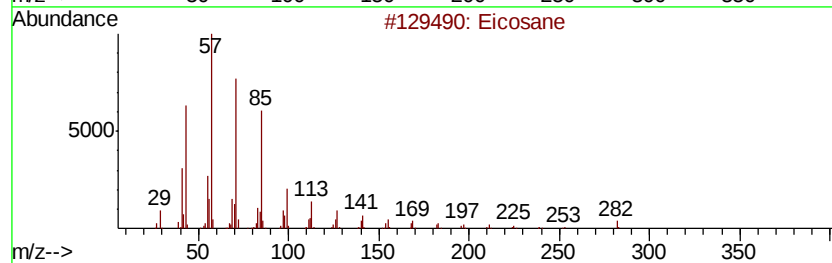
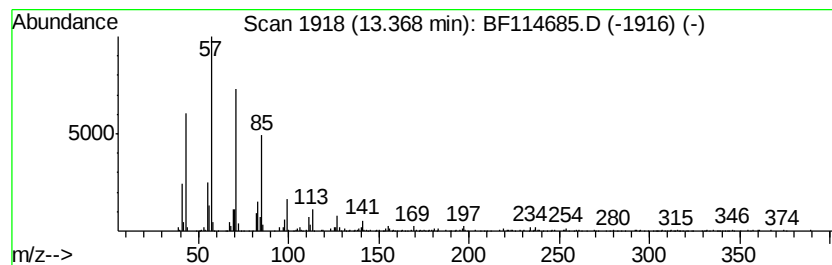
Instrument :
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ClientSampleId :
OK-02-052919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.14 ng	517265	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	97
2	Tetracosane	338 C24H50	000646-31-1	95
3	Hexadecane	226 C16H34	000544-76-3	94
4	Heneicosane	296 C21H44	000629-94-7	87
5	Heptadecane	240 C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114685.D
Acq On : 31 May 2019 2:32
Operator : HP/JU
Sample : K2642-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-052919

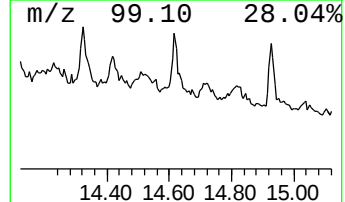
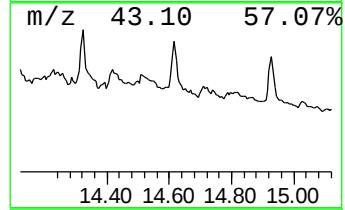
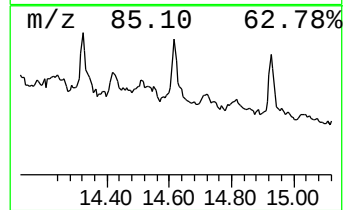
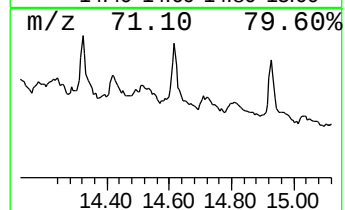
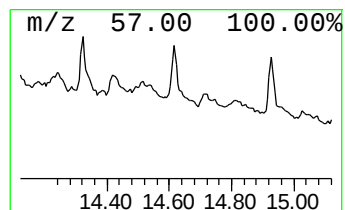
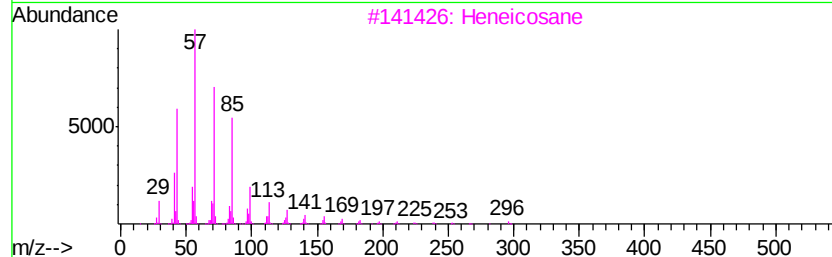
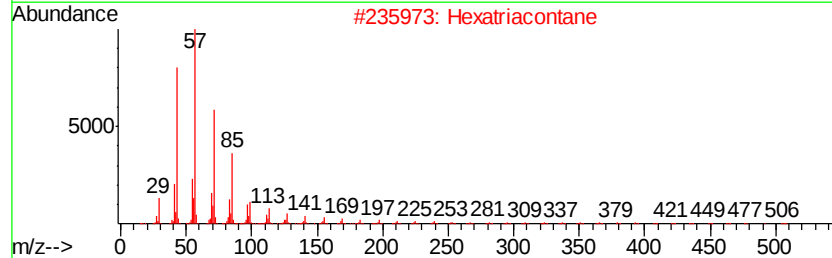
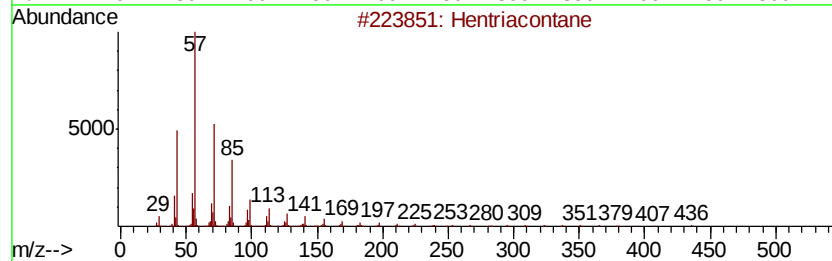
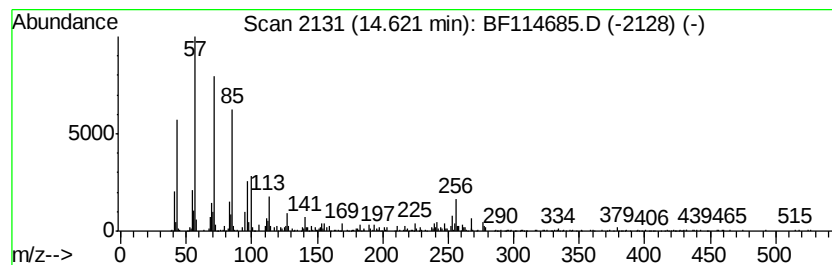
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	12.14 ng	753116	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	95
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053019\
Data File : BF114685.D
Acq On : 31 May 2019 2:32
Operator : HP/JU
Sample : K2642-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-052919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	36.0	ng	4025850	1	6.70	2233770	20.0
Cyclohexane, 1-et...	9.17	2.4	ng	344247	3	9.72	2895090	20.0
4H-Cyclopenta[def...	11.81	3.1	ng	420018	4	11.20	2707270	20.0
Eicosane	12.30	2.4	ng	326902	4	11.20	2707270	20.0
Pentadecane	13.03	2.5	ng	410340	5	13.82	3299520	20.0
Allopregnane-3.al...	13.06	2.2	ng	362633	5	13.82	3299520	20.0
Tetracosane	13.37	3.1	ng	517265	5	13.82	3299520	20.0
Hentriacontane	14.62	12.1	ng	753116	6	15.22	1240960	20.0