

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116389.D
 Acq On : 19 Aug 2019 14:57
 Operator : HP/JU
 Sample : K4321-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

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-BF073019.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	5.434	566	569	604	rBV	1846422	2287269	82.46%	8.086%
2	6.451	738	742	760	rBV	2240255	2432488	87.70%	8.599%
3	6.581	760	764	787	rVB	2654668	2470220	89.06%	8.733%
4	6.804	799	802	812	rBV	876909	810449	29.22%	2.865%
5	6.957	825	828	845	rBV	1976856	1949164	70.27%	6.891%
6	7.369	895	898	917	rBV	1623648	1558028	56.17%	5.508%
7	8.081	1016	1019	1026	rBV	1037637	1013050	36.52%	3.581%
8	8.498	1087	1090	1092	rBV	75951	79632	2.87%	0.282%
9	8.669	1116	1119	1122	rBV	56580	48625	1.75%	0.172%
10	8.769	1132	1136	1139	rVB4	44462	55971	2.02%	0.198%
11	8.822	1142	1145	1148	rBV4	28467	30875	1.11%	0.109%
12	8.863	1148	1152	1154	rBV4	23289	36848	1.33%	0.130%
13	9.034	1178	1181	1183	rBV3	29637	29449	1.06%	0.104%
14	9.098	1190	1192	1195	rBV	127911	96148	3.47%	0.340%
15	9.157	1197	1202	1210	rBV	2989259	2773625	100.00%	9.805%
16	9.234	1211	1215	1219	rVB	260201	265833	9.58%	0.940%
17	9.275	1219	1222	1225	rBV4	41470	56740	2.05%	0.201%
18	9.428	1245	1248	1250	rBV3	38258	50091	1.81%	0.177%
19	9.486	1256	1258	1260	rBV2	39590	30266	1.09%	0.107%
20	9.551	1264	1269	1272	rBV2	521362	575006	20.73%	2.033%
21	9.645	1283	1285	1289	rVB3	68864	68664	2.48%	0.243%
22	9.698	1290	1294	1296	rBV5	105131	124999	4.51%	0.442%
23	9.739	1299	1301	1303	rVV	162142	139586	5.03%	0.493%
24	9.763	1303	1305	1309	rVB	194028	162512	5.86%	0.575%
25	9.810	1309	1313	1314	rBV2	95973	109813	3.96%	0.388%
26	9.833	1314	1317	1321	rVV	1363692	1152337	41.55%	4.074%
27	9.869	1321	1323	1326	rVB3	37971	35024	1.26%	0.124%
28	9.986	1341	1343	1346	rBV2	38363	38281	1.38%	0.135%
29	10.086	1357	1360	1363	rBV2	64318	74046	2.67%	0.262%
30	10.151	1368	1371	1376	rBV3	75237	101840	3.67%	0.360%
31	10.198	1376	1379	1382	rVB3	59496	63481	2.29%	0.224%
32	10.233	1382	1385	1387	rBV2	108056	116118	4.19%	0.411%
33	10.257	1387	1389	1392	rVB	234661	187408	6.76%	0.663%
34	10.292	1392	1395	1397	rBV3	34255	39495	1.42%	0.140%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.381	1407	1410	1417	rVB4	47654	56322	2.03%	0.199%
36	10.480	1423	1427	1433	rVB	170991	218889	7.89%	0.774%
37	10.628	1448	1452	1462	rBV	1252265	1359171	49.00%	4.805%
38	10.745	1467	1472	1475	rBV	542109	652060	23.51%	2.305%
39	11.175	1542	1545	1548	rBV	133209	114778	4.14%	0.406%
40	11.204	1548	1550	1557	rVB	72793	100960	3.64%	0.357%
41	11.322	1566	1570	1579	rBV	1125789	1022173	36.85%	3.614%
42	11.604	1615	1618	1621	rVB	69810	60887	2.20%	0.215%
43	11.845	1655	1659	1667	rBV2	128345	199753	7.20%	0.706%
44	12.004	1684	1686	1690	rVB	39764	37926	1.37%	0.134%
45	12.633	1789	1793	1795	rBV4	20253	32054	1.16%	0.113%
46	12.898	1834	1838	1845	rVB	2219533	1946204	70.17%	6.880%
47	13.363	1914	1917	1922	rBV3	39914	51349	1.85%	0.182%
48	13.786	1986	1989	2000	rBV2	197889	329854	11.89%	1.166%
49	13.963	2016	2019	2027	rBV	725870	724494	26.12%	2.561%
50	14.104	2040	2043	2047	rBV	55413	62095	2.24%	0.220%
51	14.410	2092	2095	2105	rVB	134684	173049	6.24%	0.612%
52	14.704	2142	2145	2149	rVB	169733	161491	5.82%	0.571%
53	15.033	2196	2201	2206	rBV	190885	236339	8.52%	0.836%
54	15.392	2258	2262	2264	rBV	187101	241179	8.70%	0.853%
55	15.421	2264	2267	2280	rVB	477139	715279	25.79%	2.529%
56	15.639	2300	2304	2313	rVB9	60429	141977	5.12%	0.502%
57	15.810	2329	2333	2340	rVB	173679	253681	9.15%	0.897%
58	16.292	2410	2415	2428	rVB2	110791	246002	8.87%	0.870%
59	16.851	2506	2510	2520	rVB	42562	85457	3.08%	0.302%

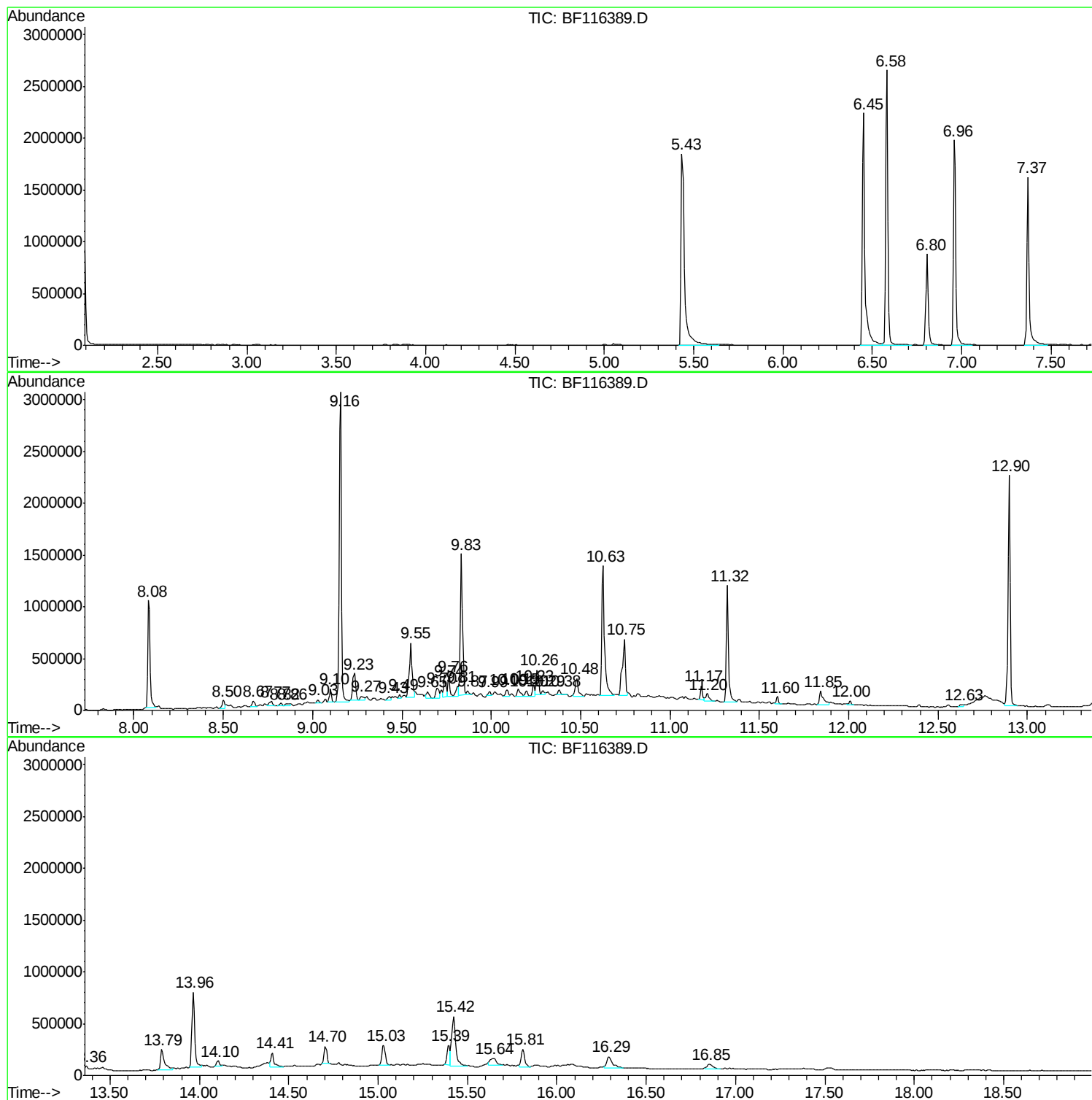
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

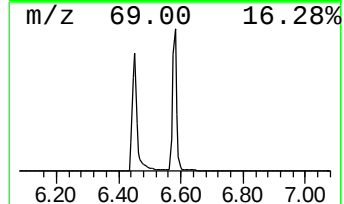
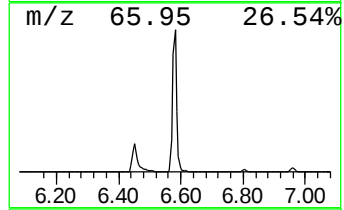
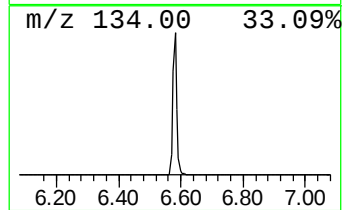
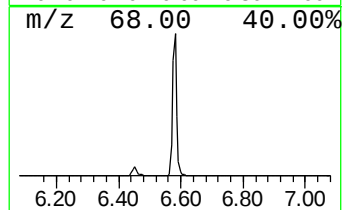
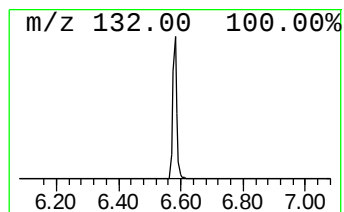
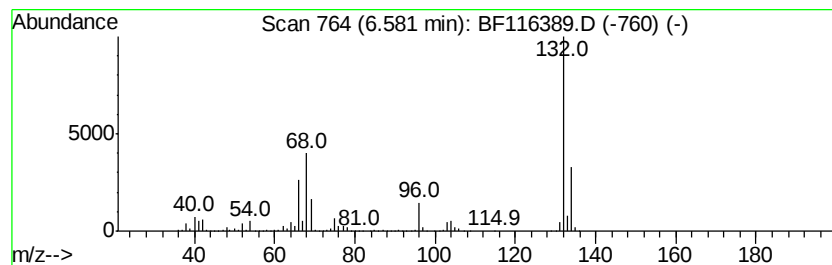
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	60.96 ng	2470220	1,4-Dichlorobenzene-d4	6.80

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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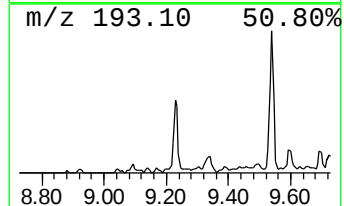
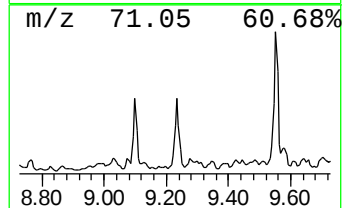
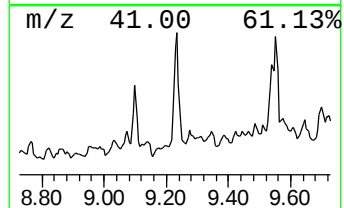
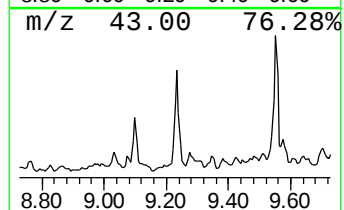
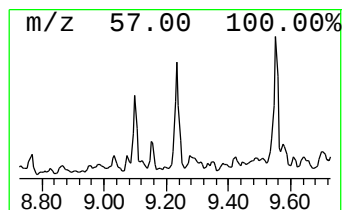
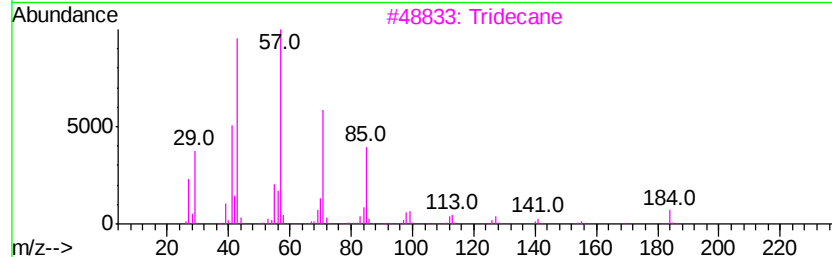
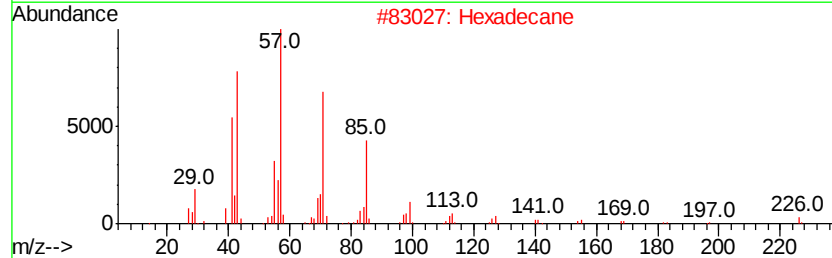
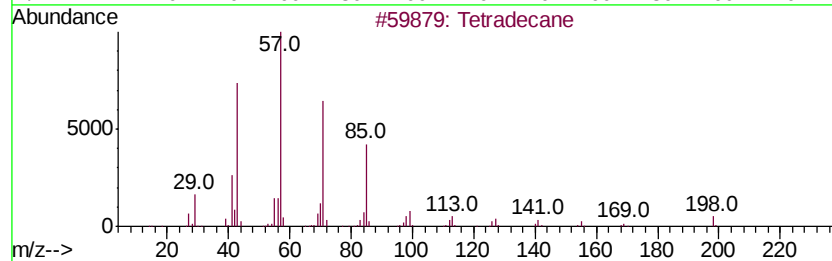
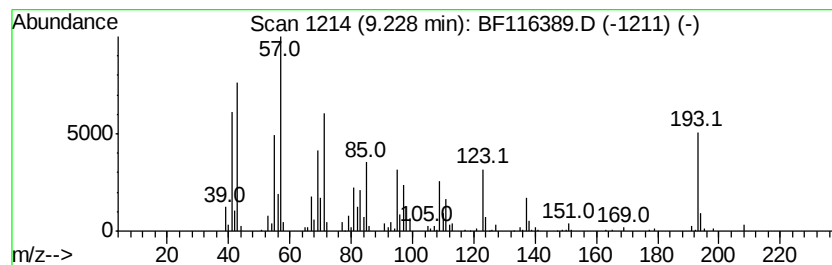
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.61 ng	265833	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	78
2		Hexadecane	226	C16H34	000544-76-3	53
3		Tridecane	184	C13H28	000629-50-5	49
4		Nonadecane	268	C19H40	000629-92-5	49
5		Pentadecane	212	C15H32	000629-62-9	49



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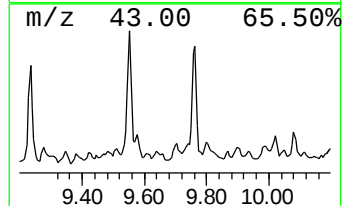
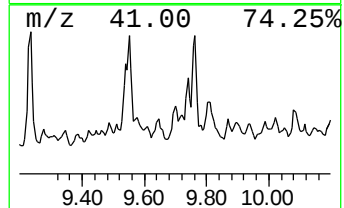
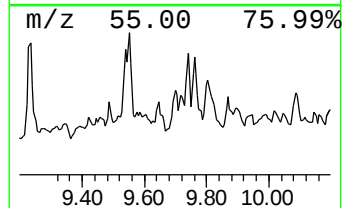
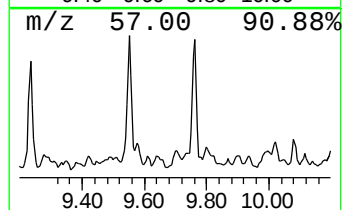
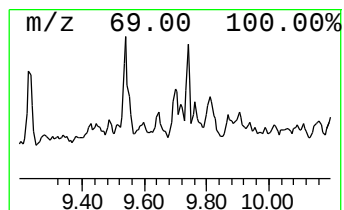
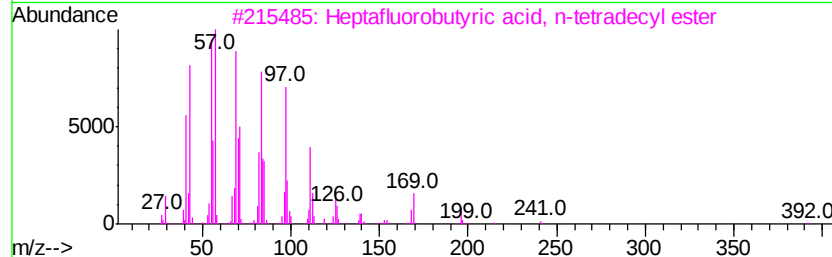
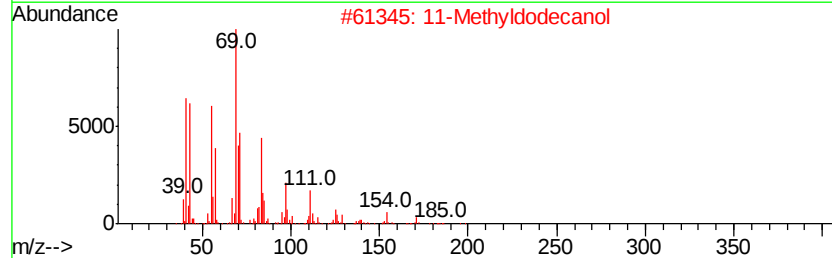
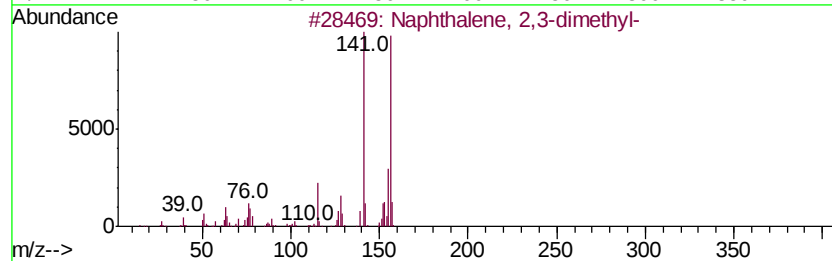
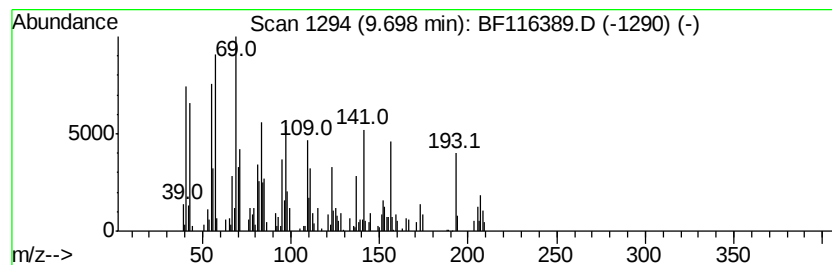
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.70 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.17 ng	124999	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	25
2		11-Methyldodecanol	200	C13H28O	085763-57-1	25
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	25
4		Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	25
5		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	25



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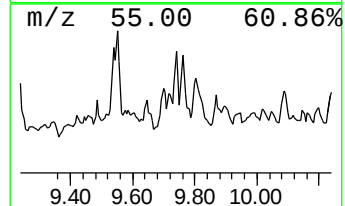
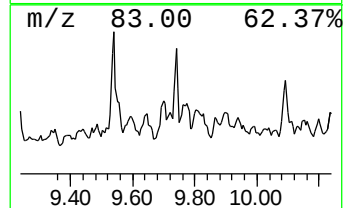
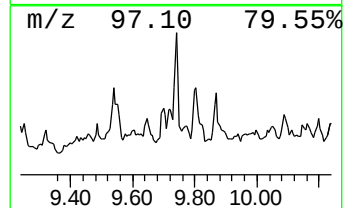
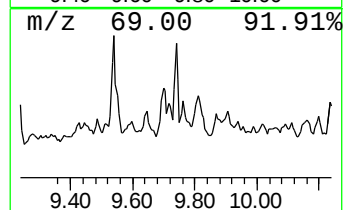
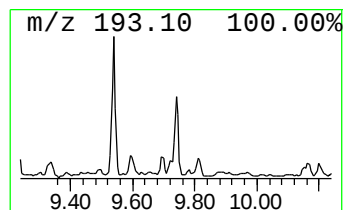
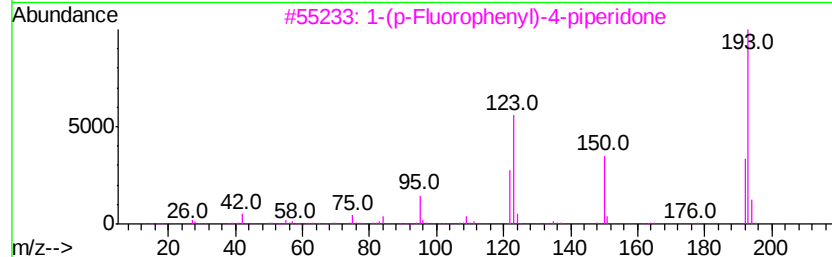
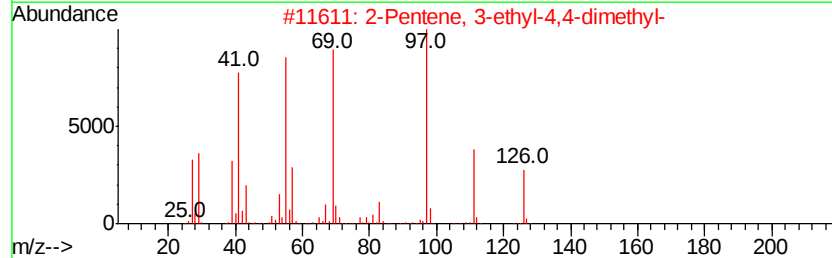
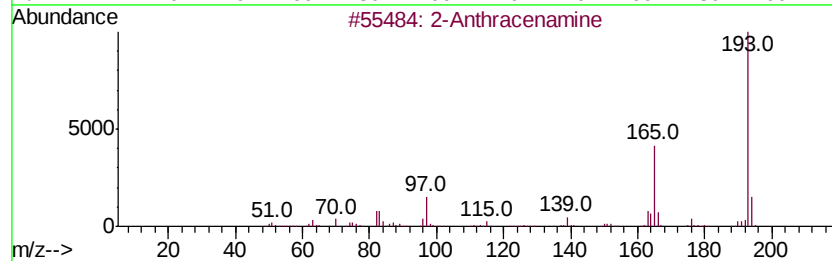
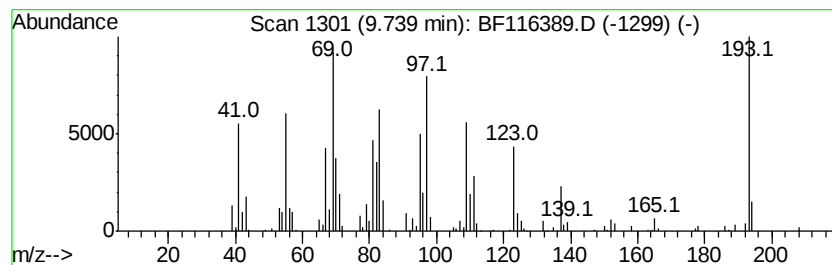
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.42 ng	139586	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		2-Anthracenamine	193	C14H11N	000613-13-8	42
2	2		Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3	1		(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	25
4	4		Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	22
5	3a,7a-Epoxy-1H-inden-4(5H)-one,	...		152	C9H12O2	039746-31-1	11



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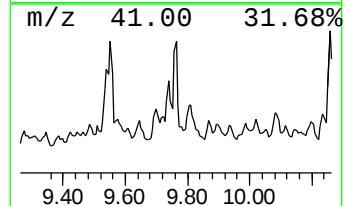
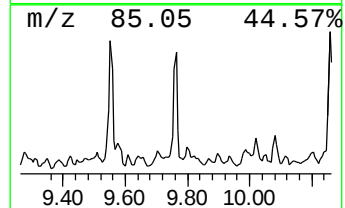
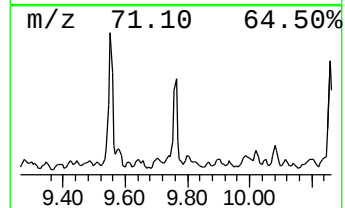
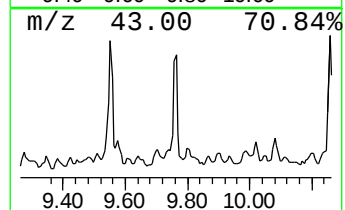
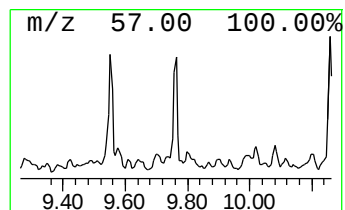
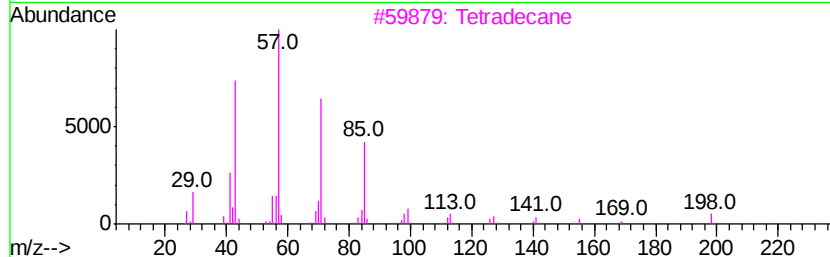
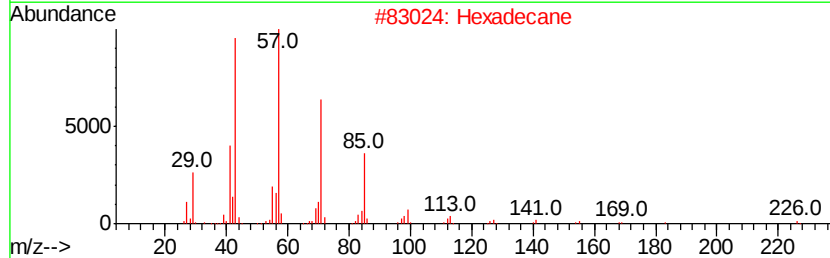
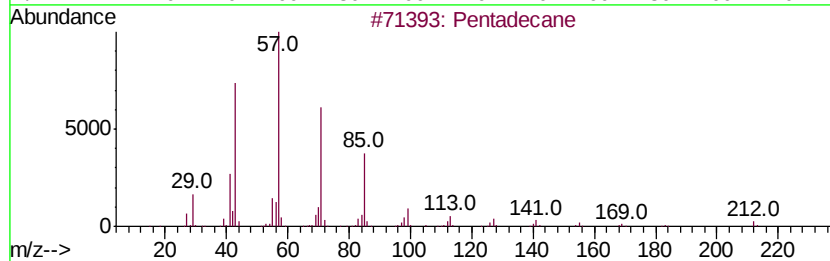
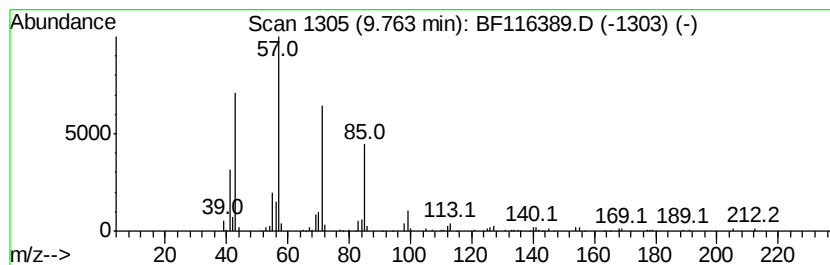
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.82 ng	162512	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Heptadecane		240	C17H36	000629-78-7	83
5	Octacosane		394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
Acq On : 19 Aug 2019 14:57
Operator : HP/JU
Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

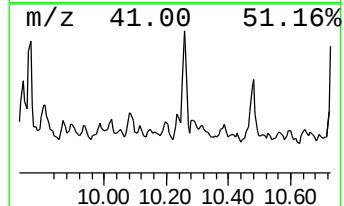
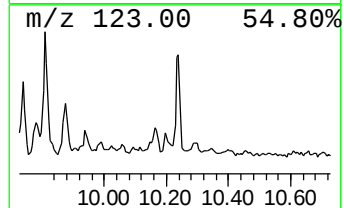
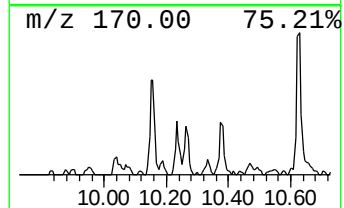
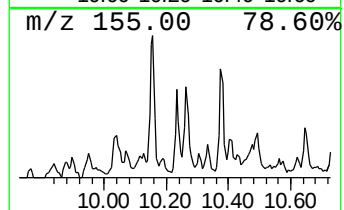
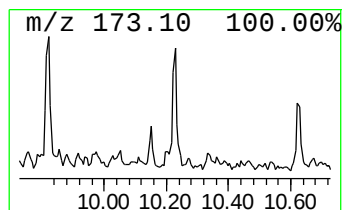
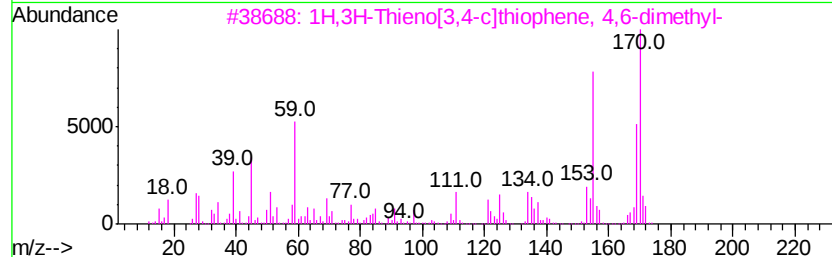
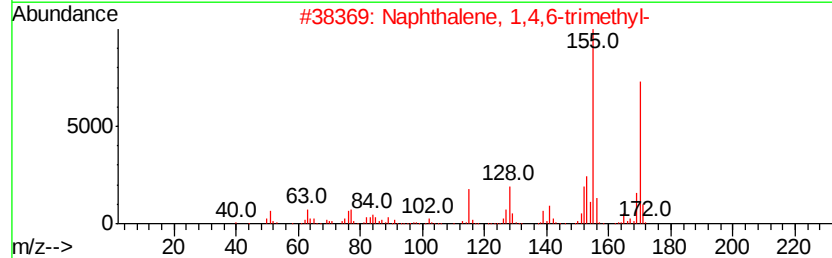
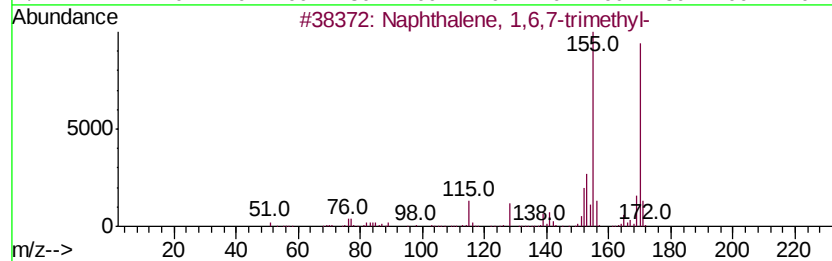
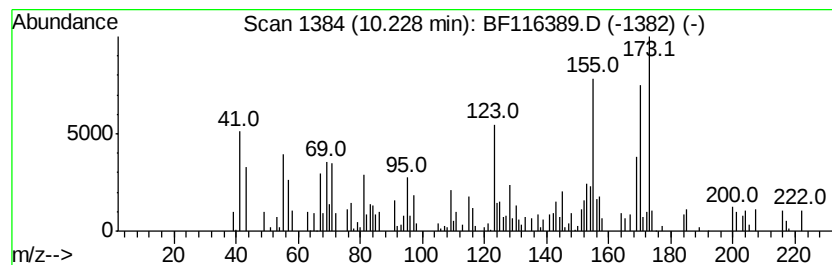
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.02 ng	116118	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	47
3		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	41
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

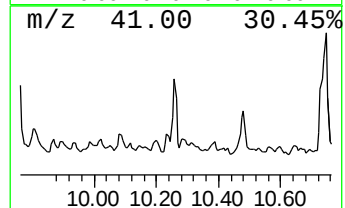
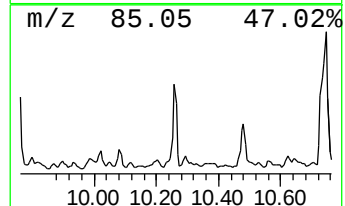
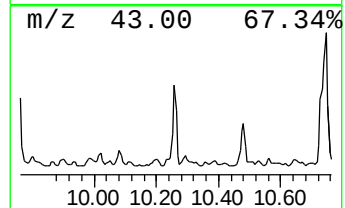
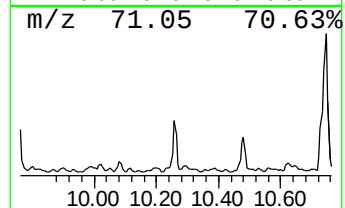
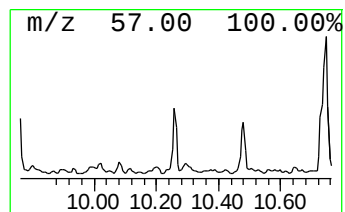
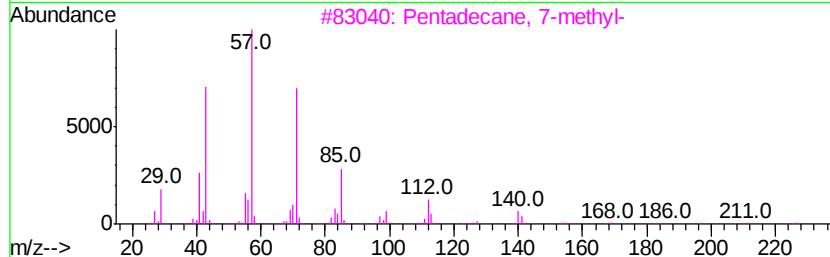
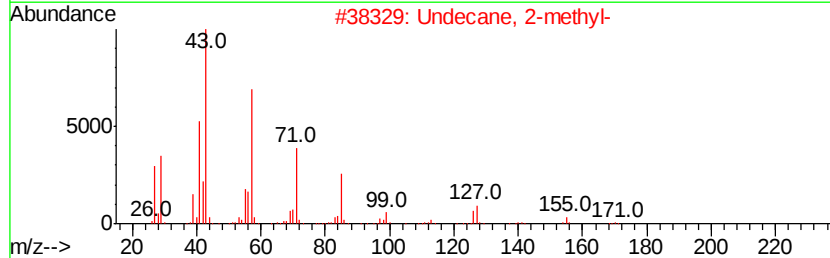
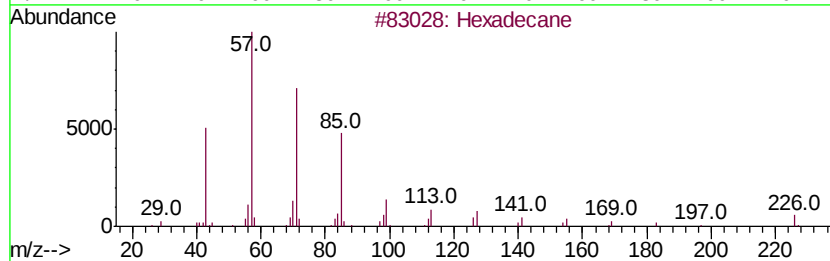
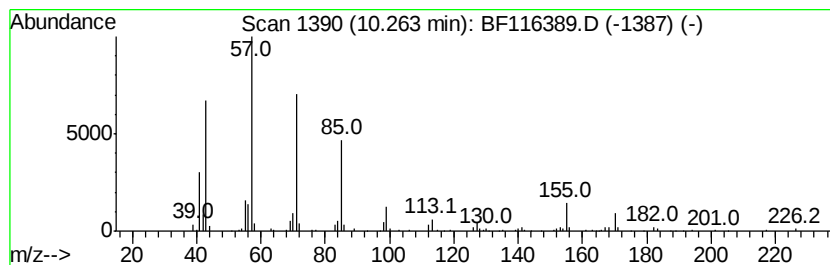
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.25 ng	187408	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Undecane, 2-methyl-	170 C12H26	007045-71-8	86
3	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	81
4	Tetradecane	198 C14H30	000629-59-4	78
5	Decane, 3-methyl-	156 C11H24	013151-34-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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Acq On : 19 Aug 2019 14:57
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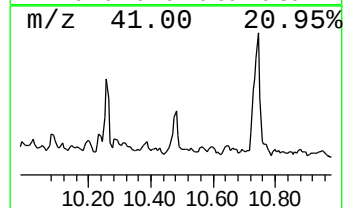
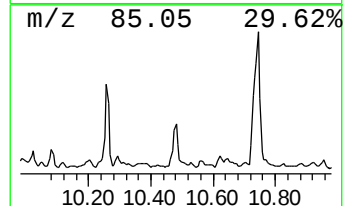
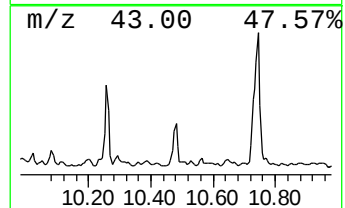
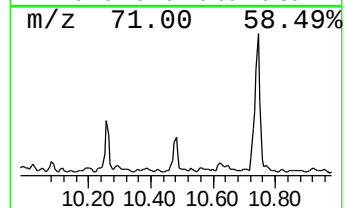
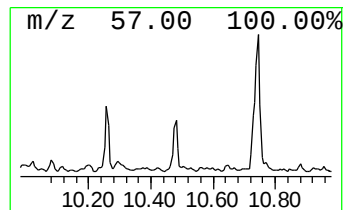
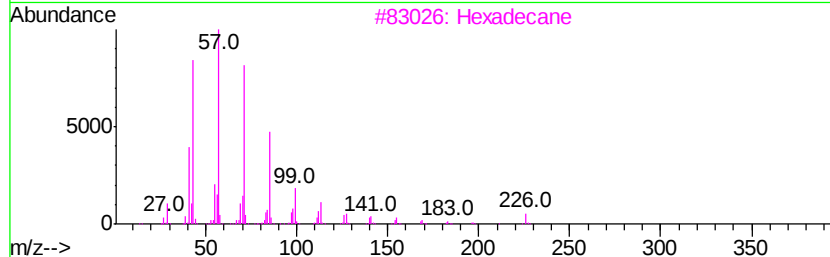
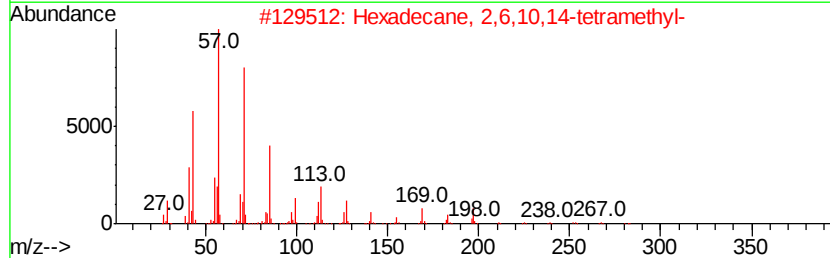
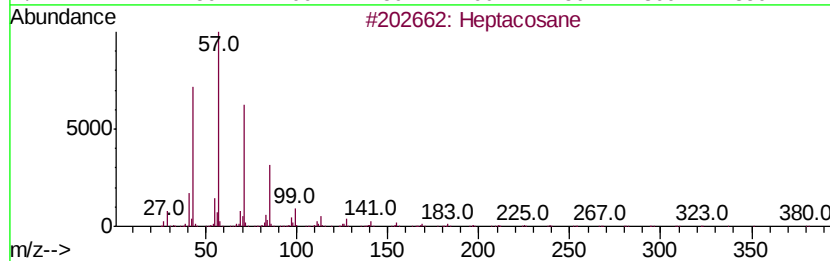
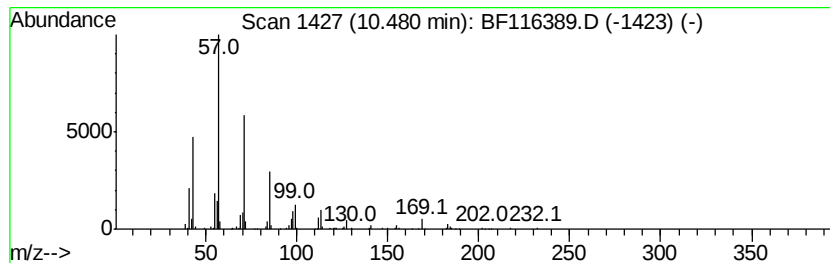
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.48	3.80 ng	218889	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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ClientSampleId :
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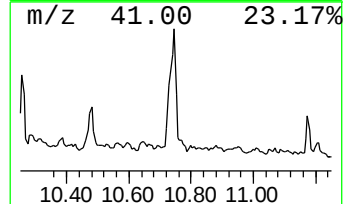
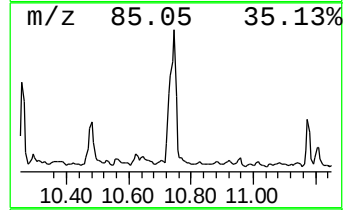
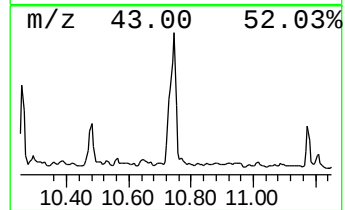
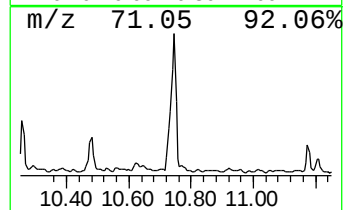
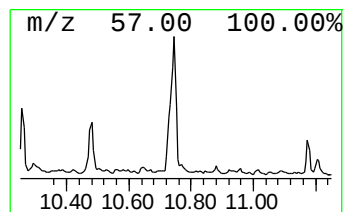
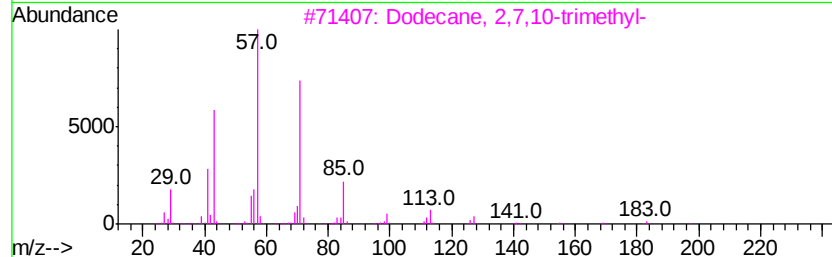
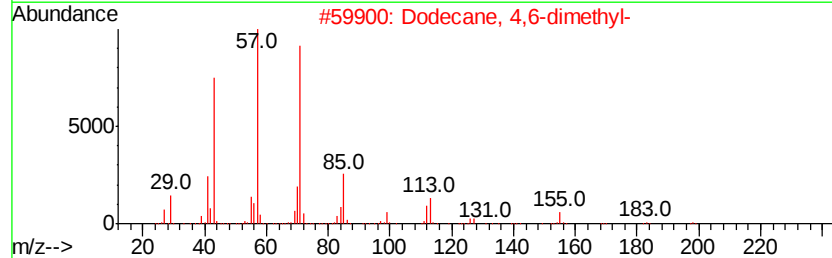
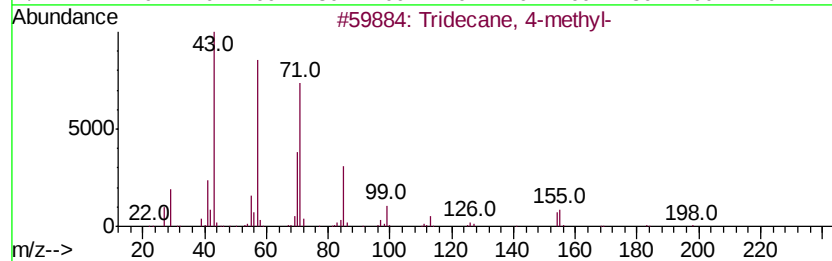
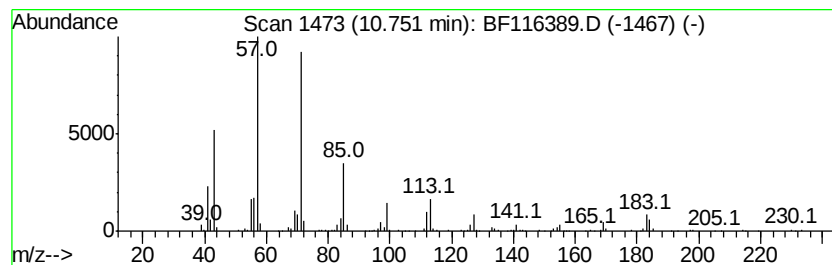
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	12.76 ng	652060	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	74
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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ClientSampleId :
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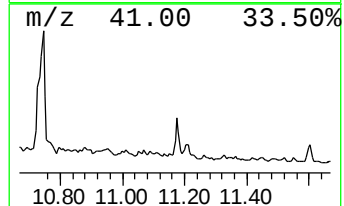
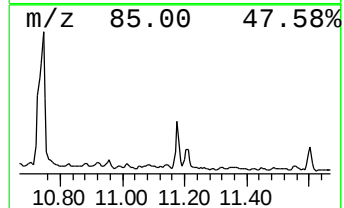
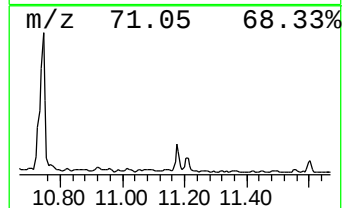
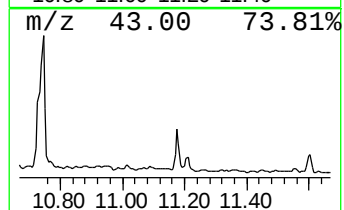
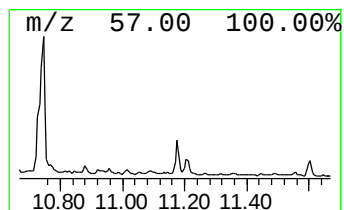
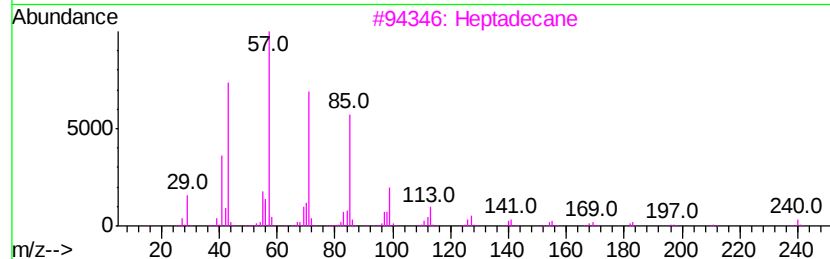
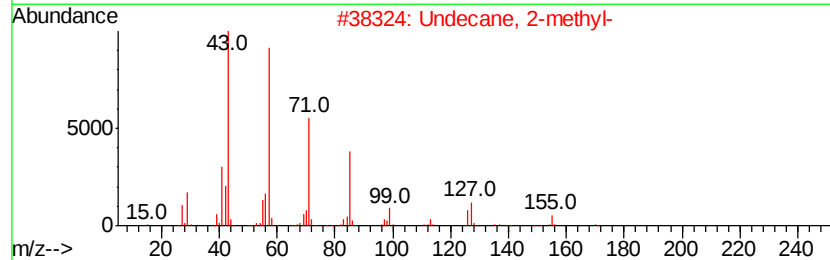
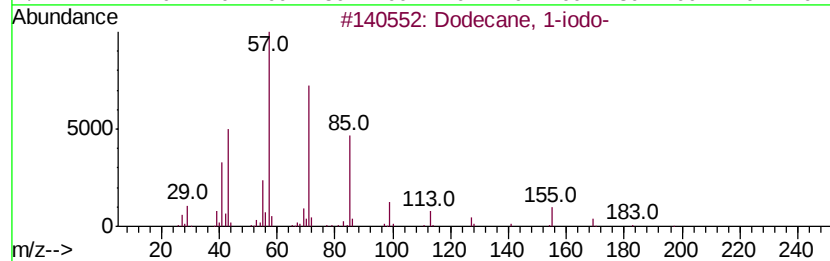
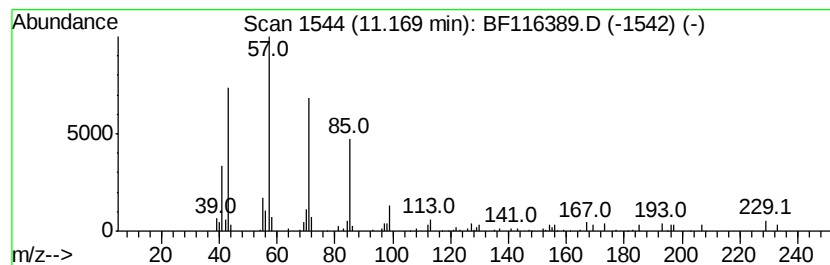
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.25 ng	114778	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	86
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
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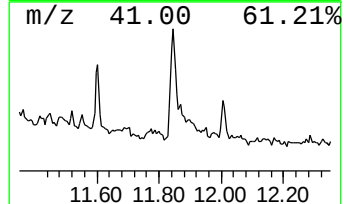
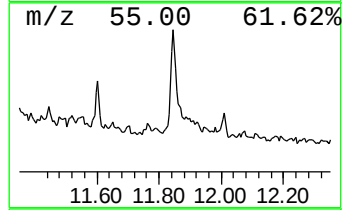
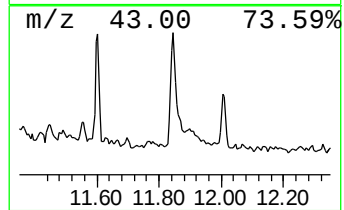
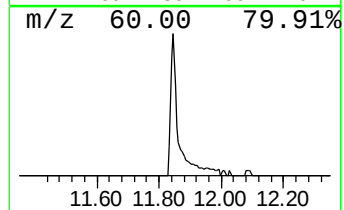
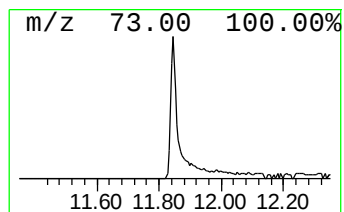
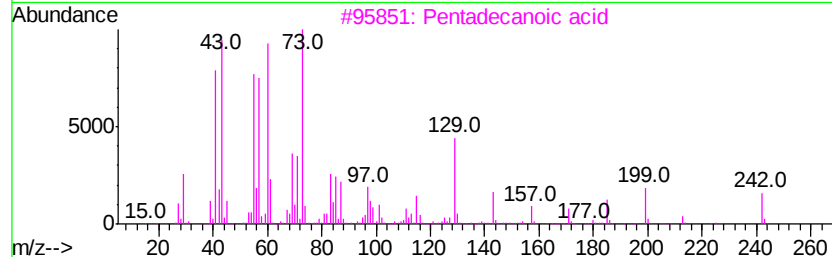
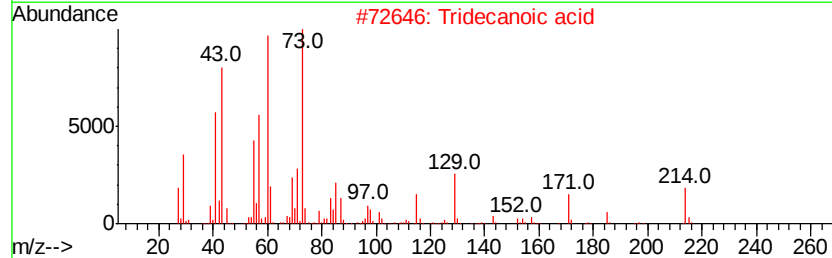
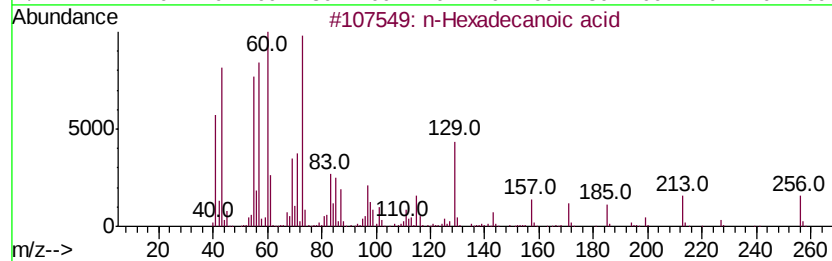
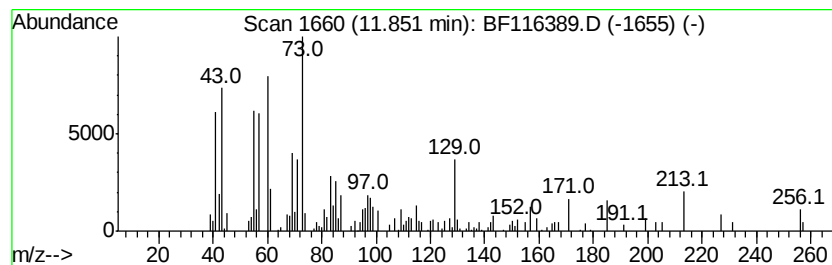
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.91 ng	199753	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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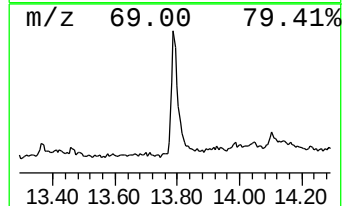
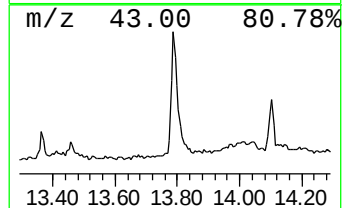
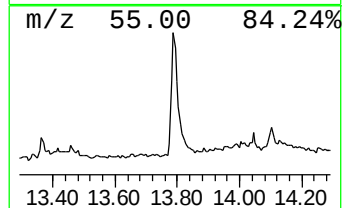
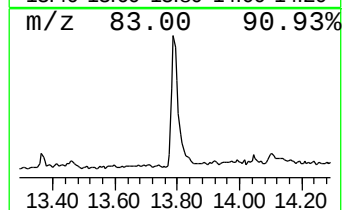
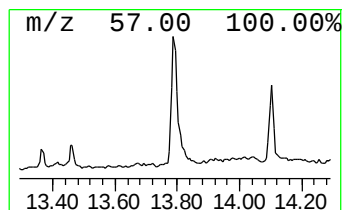
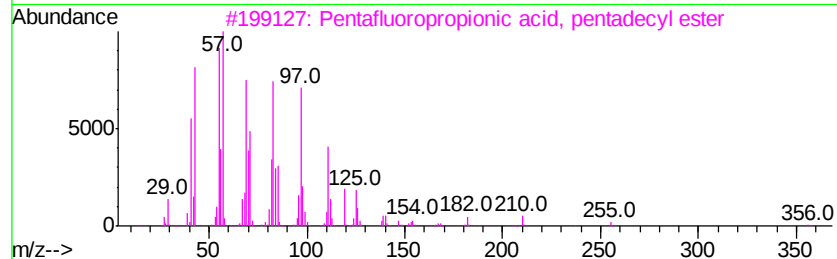
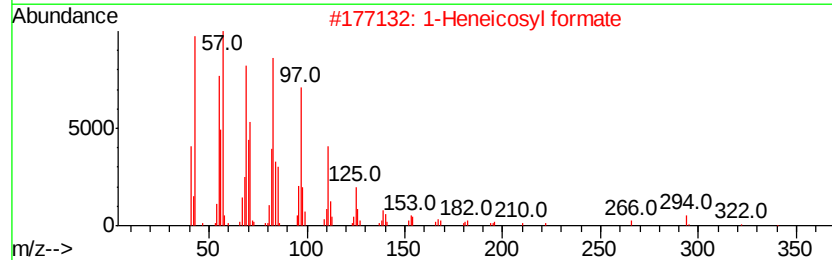
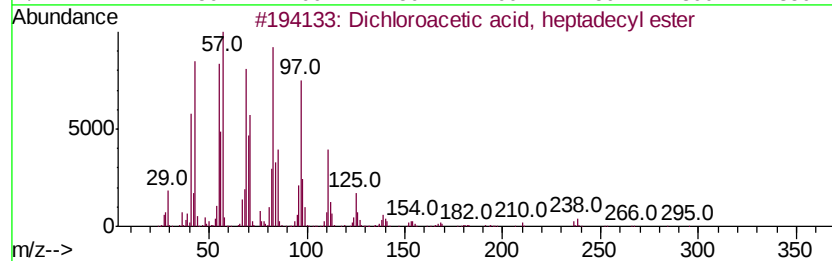
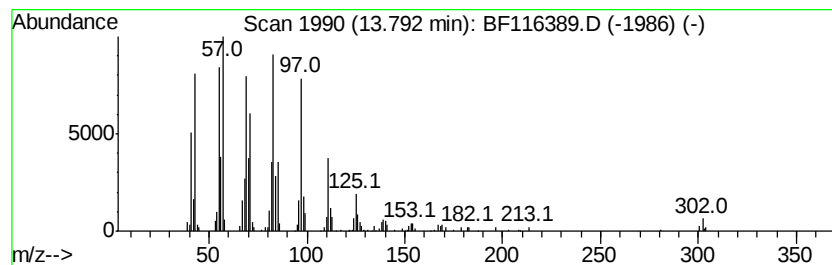
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	9.11 ng	329854	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
Acq On : 19 Aug 2019 14:57
Operator : HP/JU
Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

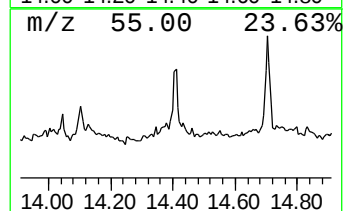
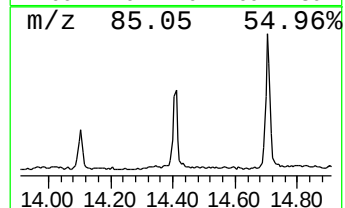
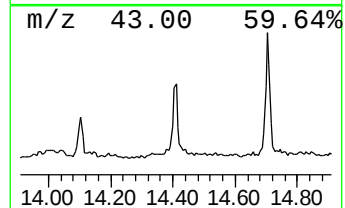
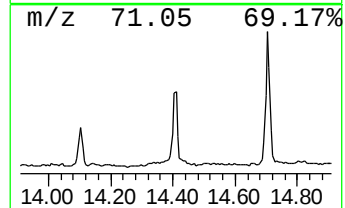
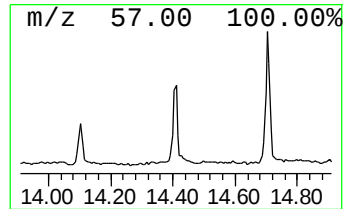
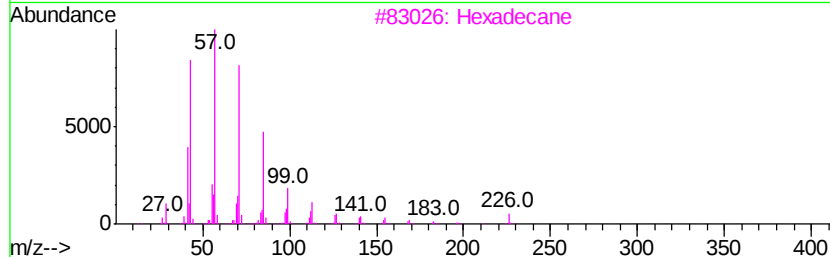
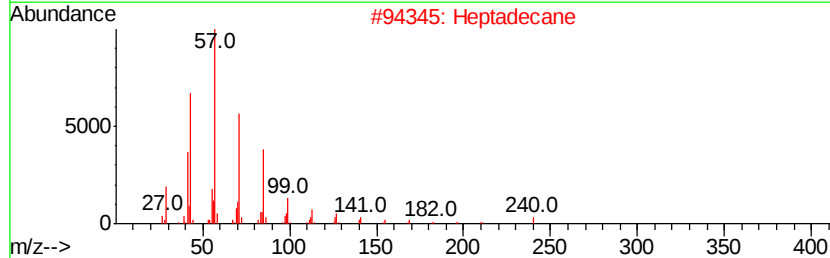
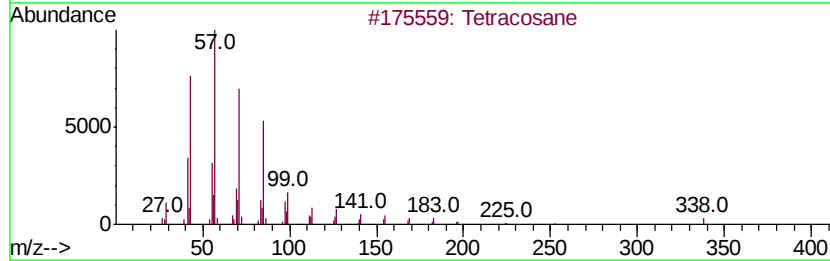
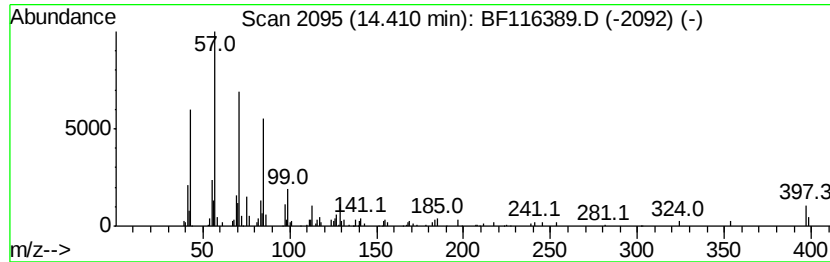
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	4.78 ng	173049	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	74
2		Heptadecane	240	C17H36	000629-78-7	74
3		Hexadecane	226	C16H34	000544-76-3	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		2-methyloctacosane	408	C29H60	1000376-72-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
Acq On : 19 Aug 2019 14:57
Operator : HP/JU
Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-3

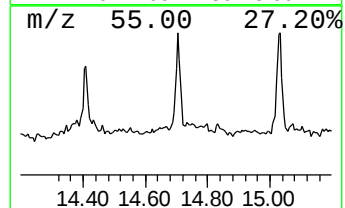
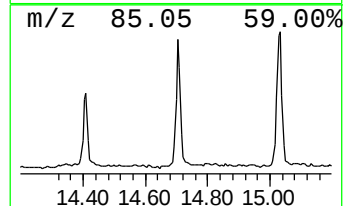
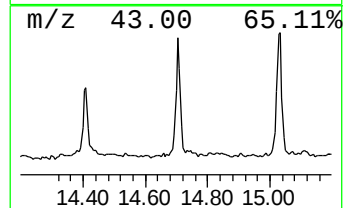
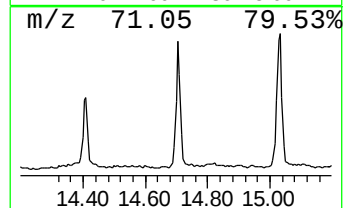
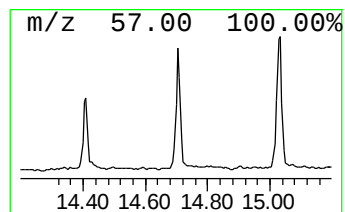
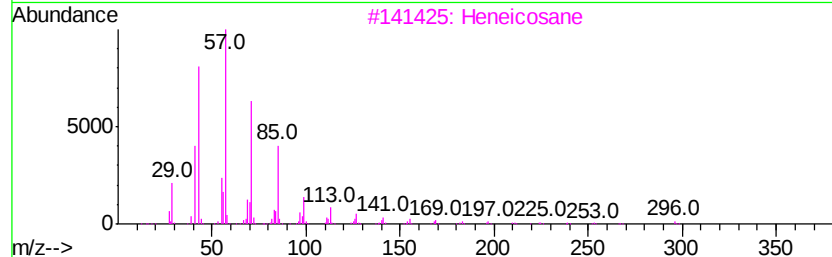
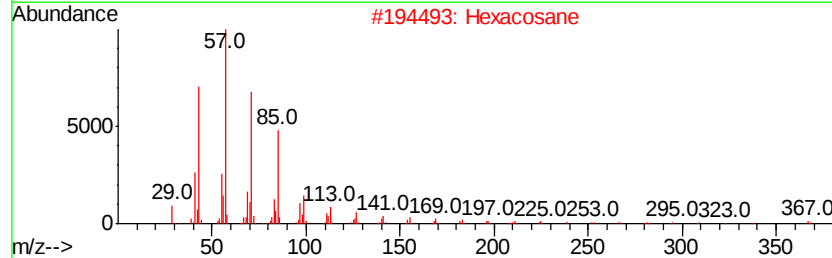
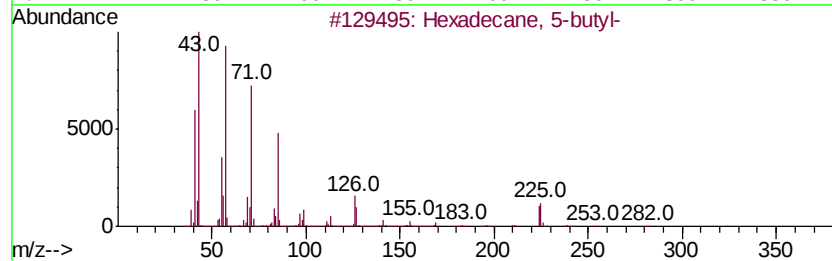
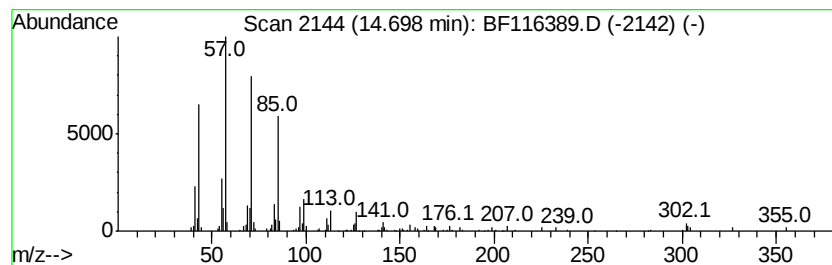
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 5-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.52 ng	161491	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
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Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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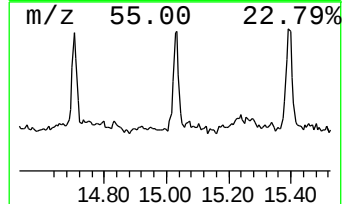
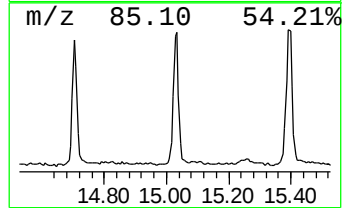
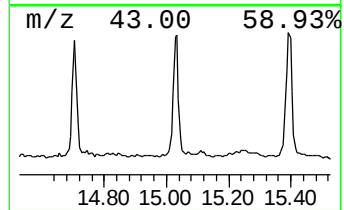
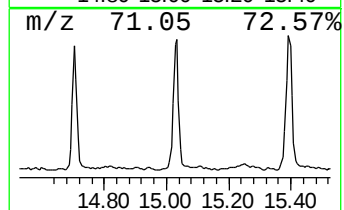
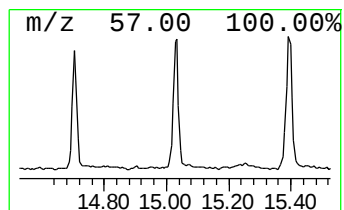
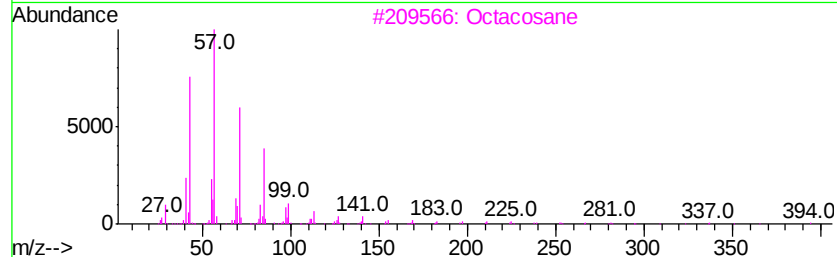
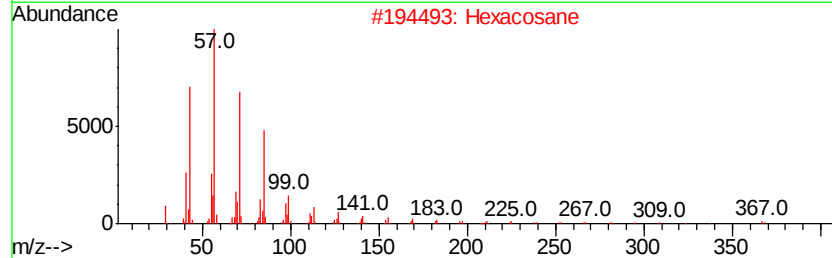
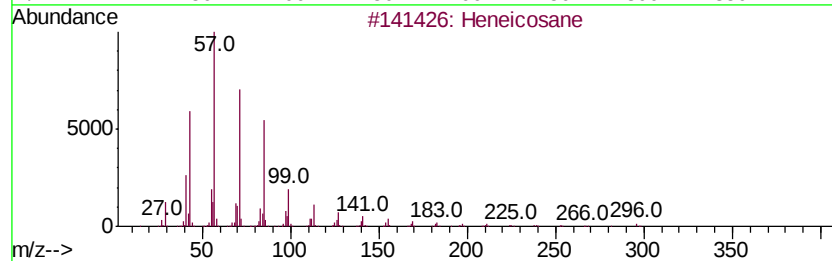
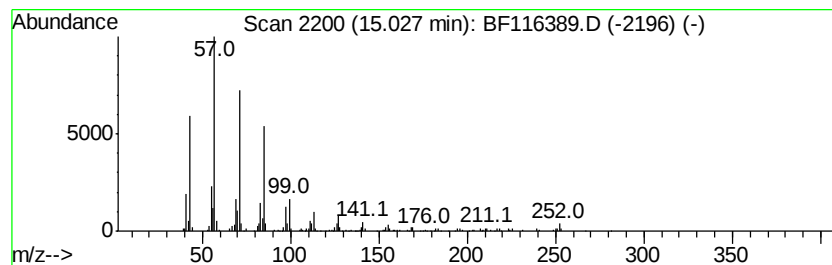
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	6.61 ng	236339	Perylene-d12	15.42

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			Octacosane	394	C28H58	000630-02-4	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
Acq On : 19 Aug 2019 14:57
Operator : HP/JU
Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-3

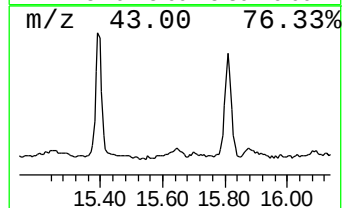
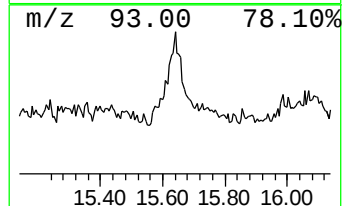
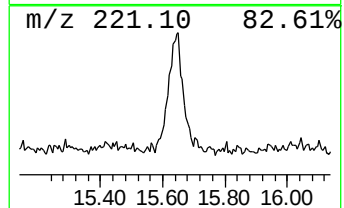
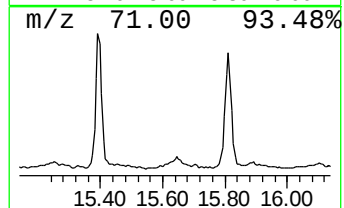
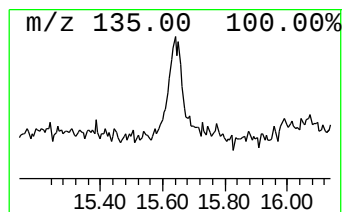
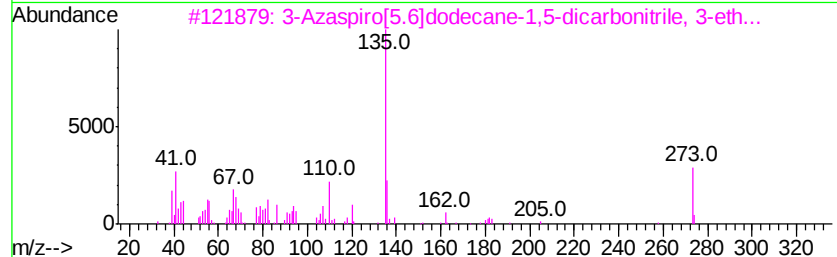
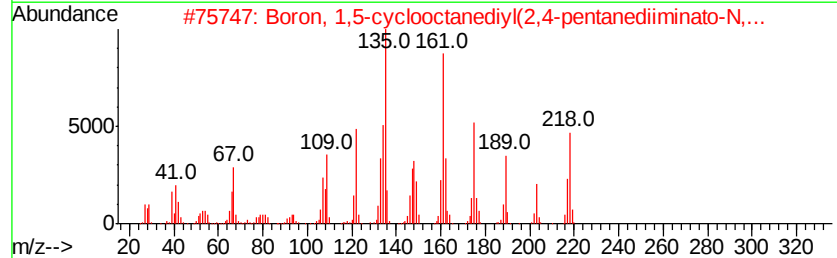
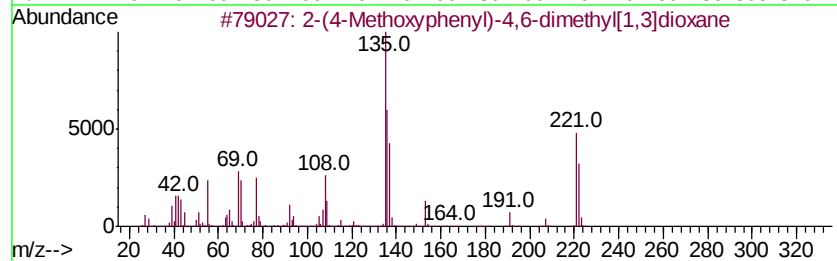
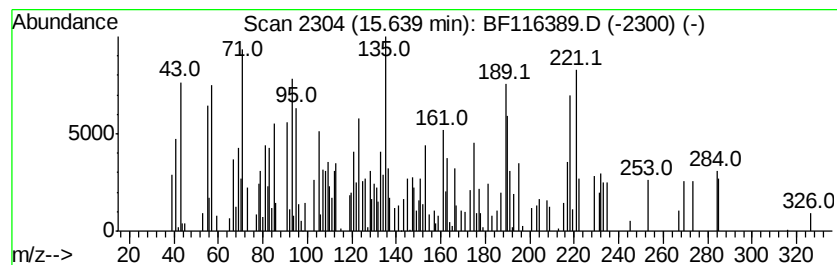
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.64 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.97 ng	141977	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(4-Methoxyphenyl)-4,6-dimethyl...	222	C13H18O3	005421-05-6	25
2			Boron, 1,5-cyclooctanediyl(2,4-p...	218	C13H23BN2	136704-99-9	22
3			3-Azaspiro[5.6]dodecane-1,5-dica...	273	C15H19N3O2	1000303-81-0	15
4			2-Methyl-2,3,4,5,6,7-hexahydro-1...	189	C13H19N	078838-08-1	11
5			N-(4-Hydroxy-6-methylpyrimidin-2...	285	C15H19N5O	284665-61-8	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116389.D
Acq On : 19 Aug 2019 14:57
Operator : HP/JU
Sample : K4321-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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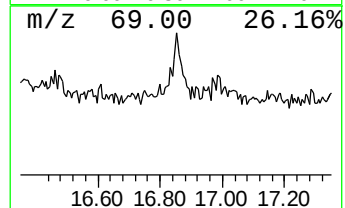
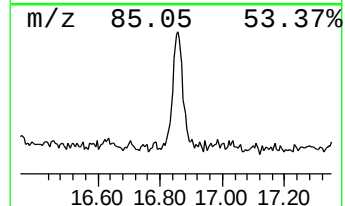
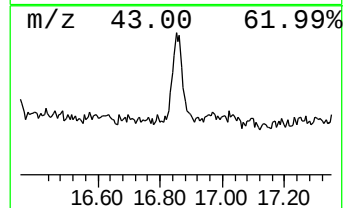
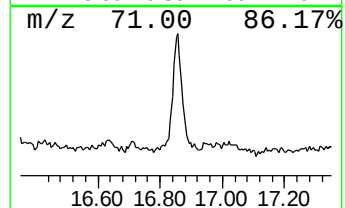
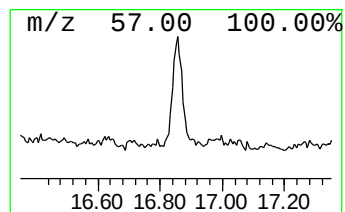
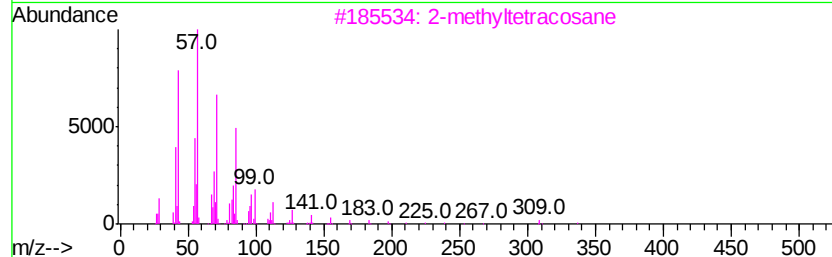
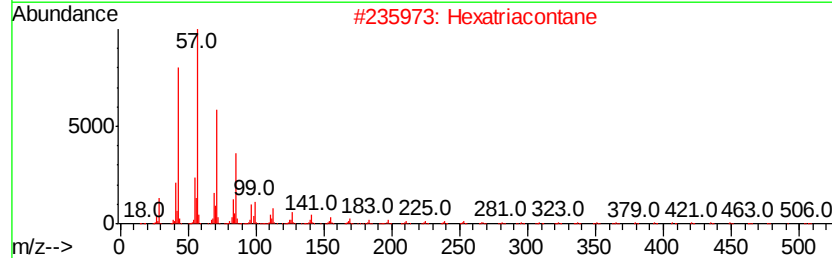
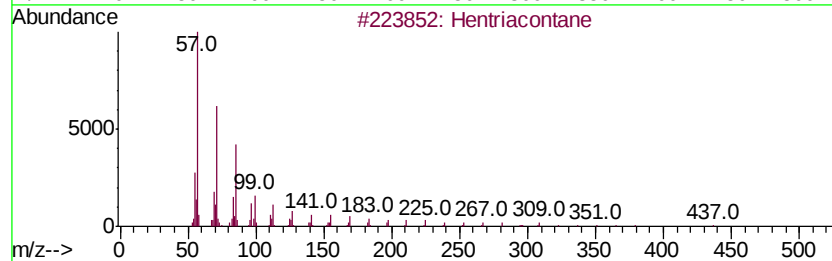
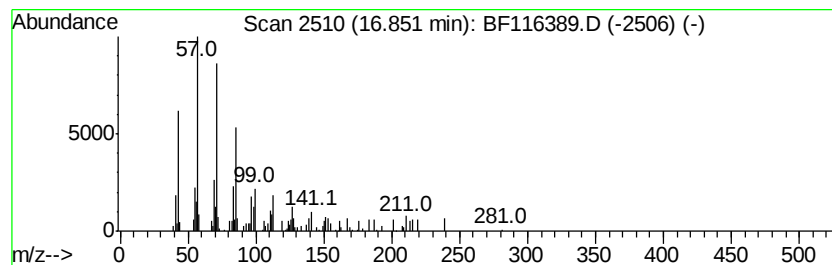
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hentriacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.39 ng	85457	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Hexatriacontane	507	C36H74	000630-06-8	91
3			2-methyltetracosane	352	C25H52	1000376-72-6	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	86
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116389.D
 Acq On : 19 Aug 2019 14:57
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 Sample : K4321-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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Tetradecane	9.23	4.6	ng	265833	3	9.83	1152340	20.0
unknown9.70	9.70	2.2	ng	124999	3	9.83	1152340	20.0
unknown9.74	9.74	2.4	ng	139586	3	9.83	1152340	20.0
Pentadecane	9.76	2.8	ng	162512	3	9.83	1152340	20.0
Naphthalene, 1,6,...	10.23	2.0	ng	116118	3	9.83	1152340	20.0
Hexadecane	10.26	3.3	ng	187408	3	9.83	1152340	20.0
Heptacosane	10.48	3.8	ng	218889	3	9.83	1152340	20.0
Tridecane, 4-methyl-	10.75	12.8	ng	652060	4	11.32	1022170	20.0
Dodecane, 1-iodo-	11.17	2.3	ng	114778	4	11.32	1022170	20.0
n-Hexadecanoic acid	11.85	3.9	ng	199753	4	11.32	1022170	20.0
Dichloroacetic ac...	13.79	9.1	ng	329854	5	13.96	724494	20.0
Tetracosane	14.41	4.8	ng	173049	5	13.96	724494	20.0
Hexadecane, 5-butyl-	14.70	4.5	ng	161491	6	15.42	715279	20.0
Heneicosane	15.03	6.6	ng	236339	6	15.42	715279	20.0
unknown15.64	15.64	4.0	ng	141977	6	15.42	715279	20.0
Hentriacontane	16.85	2.4	ng	85457	6	15.42	715279	20.0