

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
 Data File : BF119180.D
 Acq On : 2 Mar 2020 20:50
 Operator : CG/JU
 Sample : L1736-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-A

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-BF022020.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	4.269	367	371	379	rBV	62113	91177	8.22%	0.727%
2	4.916	477	481	495	rBV	121019	151247	13.64%	1.206%
3	5.369	555	558	572	rBV	77979	120768	10.89%	0.963%
4	6.387	728	731	747	rBV	206034	268754	24.23%	2.143%
5	6.734	787	790	800	rBV	722987	657813	59.31%	5.246%
6	6.892	813	817	827	rBV	364696	309362	27.89%	2.467%
7	7.298	883	886	896	rBV	194798	192313	17.34%	1.534%
8	8.016	1003	1008	1015	rBV	956426	906859	81.76%	7.233%
9	8.733	1128	1130	1134	rBV	20686	16300	1.47%	0.130%
10	8.833	1144	1147	1152	rBV2	24166	28911	2.61%	0.231%
11	9.092	1187	1191	1196	rBV	571609	481634	43.42%	3.841%
12	9.175	1202	1205	1207	rBV	36109	32880	2.96%	0.262%
13	9.363	1233	1237	1240	rBV	26724	33168	2.99%	0.265%
14	9.433	1245	1249	1251	rVV	44590	44869	4.05%	0.358%
15	9.486	1255	1258	1262	rVV2	45049	58240	5.25%	0.464%
16	9.551	1266	1269	1274	rBV2	22061	24519	2.21%	0.196%
17	9.633	1280	1283	1287	rBV	30204	28810	2.60%	0.230%
18	9.704	1293	1295	1300	rVB	33402	27042	2.44%	0.216%
19	9.769	1300	1306	1310	rBV	1225433	1080846	97.45%	8.620%
20	9.804	1310	1312	1316	rVB	59304	55862	5.04%	0.446%
21	9.880	1322	1325	1329	rVB3	16180	20260	1.83%	0.162%
22	9.975	1337	1341	1346	rVV	49323	48468	4.37%	0.387%
23	10.016	1346	1348	1354	rVB3	21919	26621	2.40%	0.212%
24	10.092	1358	1361	1363	rBV	18618	20396	1.84%	0.163%
25	10.175	1372	1375	1377	rBV2	16613	17241	1.55%	0.138%
26	10.204	1377	1380	1383	rVB2	58051	47512	4.28%	0.379%
27	10.316	1396	1399	1406	rBV	72751	83325	7.51%	0.665%
28	10.427	1415	1418	1422	rVB3	25992	26461	2.39%	0.211%
29	10.475	1423	1426	1429	rVB2	22210	23319	2.10%	0.186%
30	10.539	1435	1437	1439	rBV3	14979	16973	1.53%	0.135%
31	10.675	1457	1460	1469	rVB3	82196	121446	10.95%	0.969%
32	10.869	1488	1493	1495	rBV4	26742	28982	2.61%	0.231%
33	10.898	1495	1498	1501	rVB2	22693	25507	2.30%	0.203%
34	11.069	1524	1527	1529	rBV	28314	26953	2.43%	0.215%

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 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	11.122	1532	1536	1539	rVV3	78262	83157	7.50%	0.663%
36	11.151	1539	1541	1546	rVB	84548	84690	7.64%	0.675%
37	11.257	1555	1559	1561	rBV	1195640	1109125	100.00%	8.846%
38	11.274	1561	1562	1566	rVV	508136	428752	38.66%	3.419%
39	11.327	1569	1571	1575	rVB	93148	90900	8.20%	0.725%
40	11.369	1575	1578	1581	rBV2	28914	31850	2.87%	0.254%
41	11.492	1595	1599	1604	rBV	54977	81072	7.31%	0.647%
42	11.545	1606	1608	1612	rVV	74171	72128	6.50%	0.575%
43	11.586	1612	1615	1621	rVB3	34309	52235	4.71%	0.417%
44	11.669	1627	1629	1632	rVB	22225	23132	2.09%	0.184%
45	11.757	1641	1644	1646	rBV	87189	83255	7.51%	0.664%
46	11.786	1646	1649	1654	rVB	115007	107861	9.72%	0.860%
47	11.869	1659	1663	1665	rVV2	119296	136006	12.26%	1.085%
48	11.892	1665	1667	1670	rVB	65419	56654	5.11%	0.452%
49	11.951	1675	1677	1681	rVV	74087	72975	6.58%	0.582%
50	11.992	1681	1684	1686	rVV	28730	23806	2.15%	0.190%
51	12.051	1691	1694	1696	rBV	50574	50673	4.57%	0.404%
52	12.086	1697	1700	1702	rVB	49166	40596	3.66%	0.324%
53	12.180	1714	1716	1718	rBV	23853	20250	1.83%	0.162%
54	12.233	1722	1725	1727	rBV2	48992	48364	4.36%	0.386%
55	12.304	1734	1737	1739	rBV	91585	86135	7.77%	0.687%
56	12.345	1740	1744	1749	rVB3	155546	217252	19.59%	1.733%
57	12.469	1762	1765	1769	rBV	522799	449858	40.56%	3.588%
58	12.692	1798	1803	1806	rBV	452917	543207	48.98%	4.332%
59	12.833	1823	1827	1830	rBV	621030	521106	46.98%	4.156%
60	13.068	1864	1867	1869	rBV2	120604	109066	9.83%	0.870%
61	13.410	1922	1925	1928	rBV2	124886	113781	10.26%	0.907%
62	13.739	1978	1981	1986	rVB3	128146	151399	13.65%	1.207%
63	13.892	2003	2007	2010	rBV2	1029107	1084285	97.76%	8.648%
64	14.051	2032	2034	2039	rVB2	161553	140146	12.64%	1.118%
65	14.357	2084	2086	2089	rBV	163625	119003	10.73%	0.949%
66	14.651	2134	2136	2139	rBV	187199	164757	14.85%	1.314%
67	15.327	2247	2251	2258	rVB2	766843	996152	89.81%	7.945%

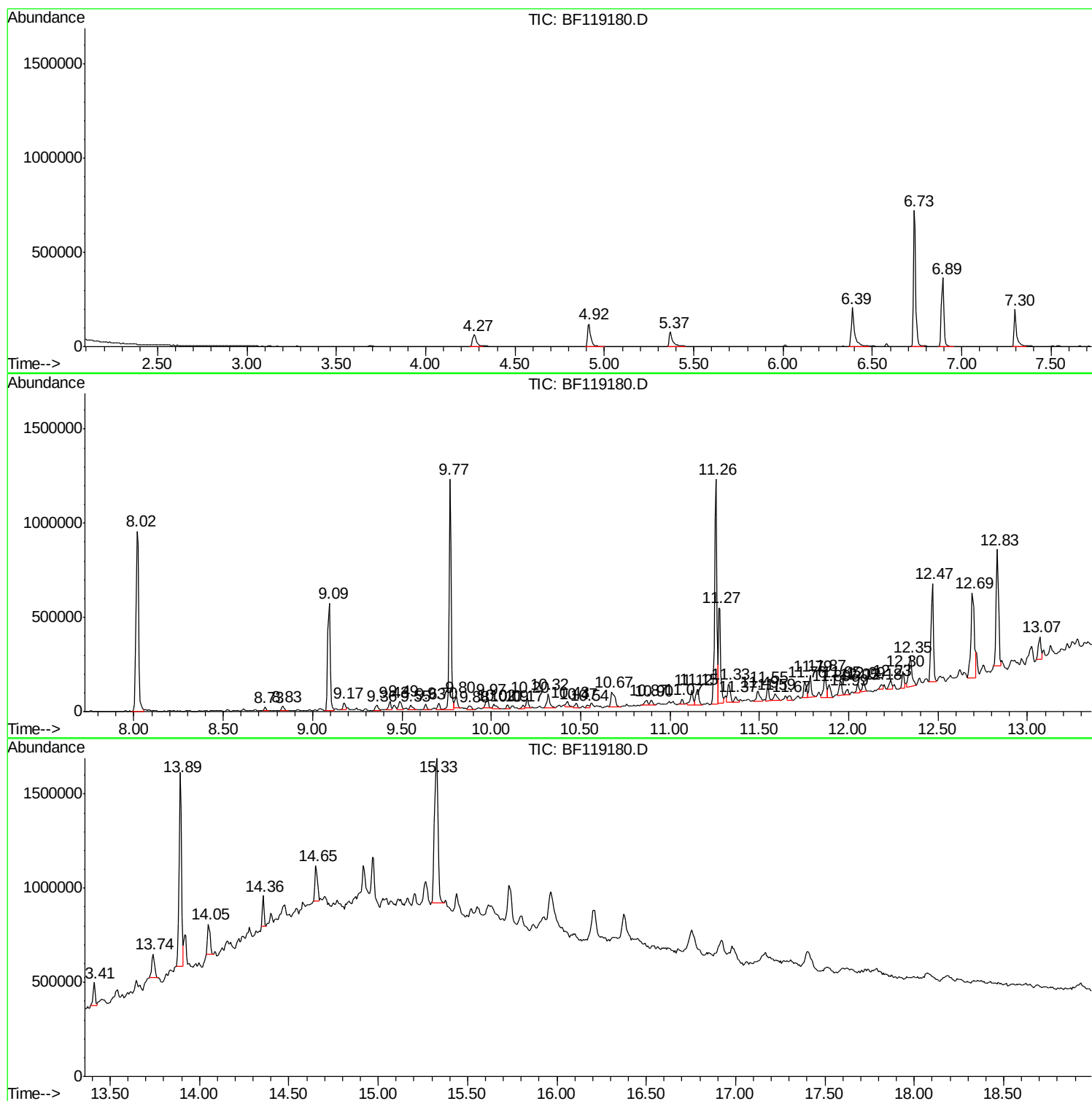
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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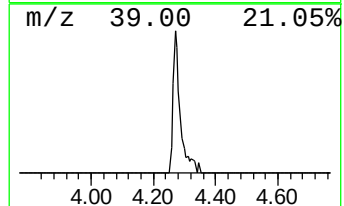
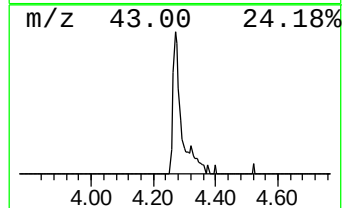
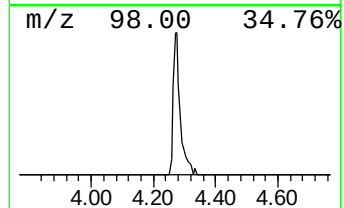
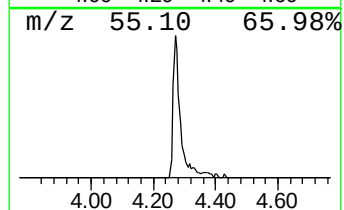
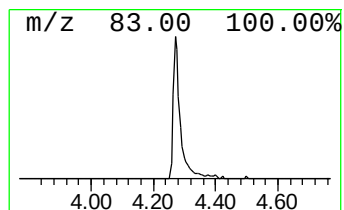
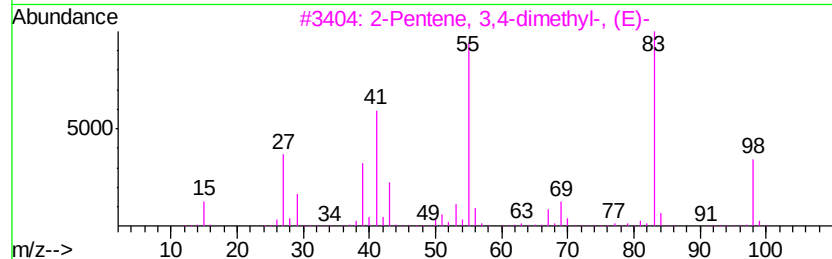
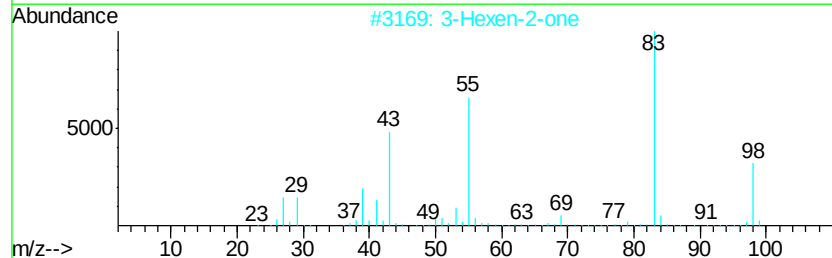
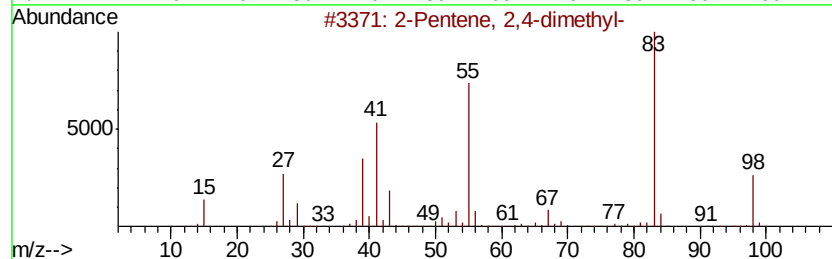
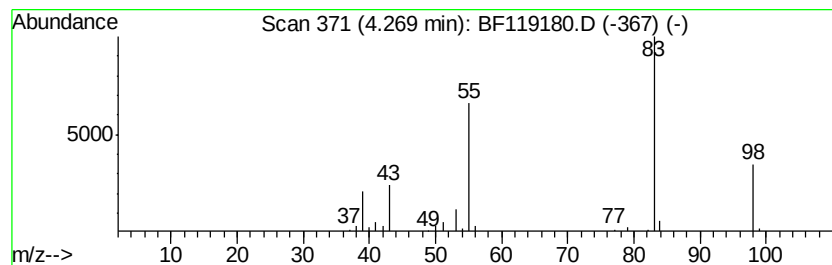
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentene, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	2.77 ng	91177	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86



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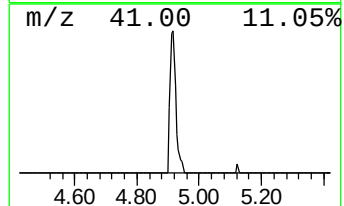
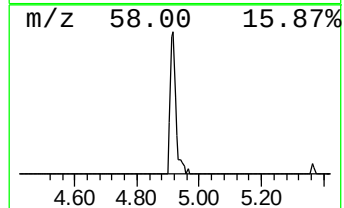
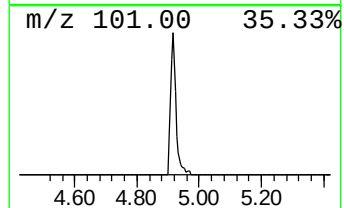
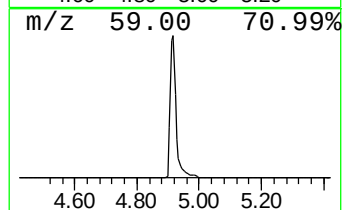
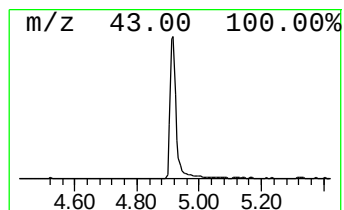
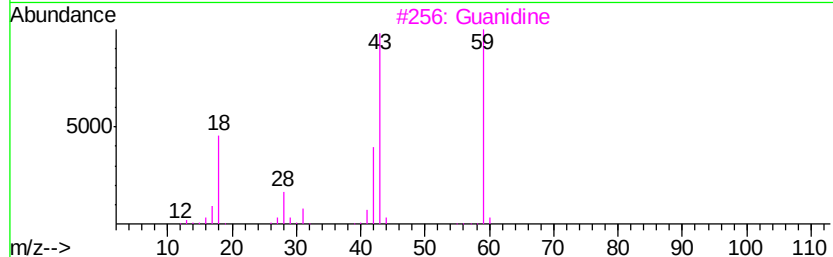
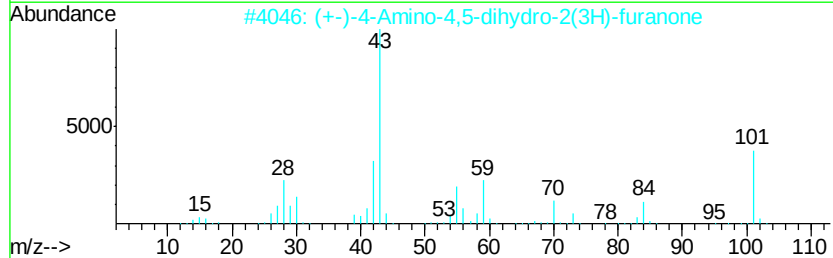
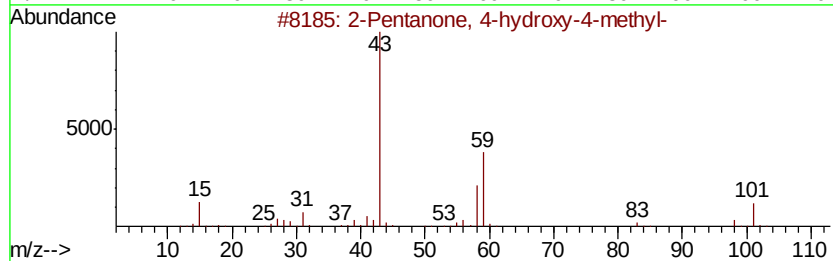
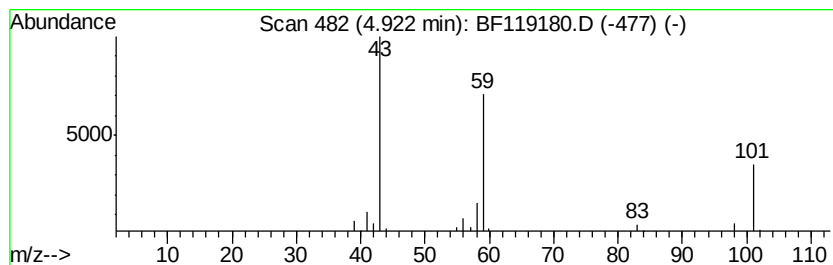
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	4.60 ng	151247	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25
5		Acetone	58	C3H6O	000067-64-1	9



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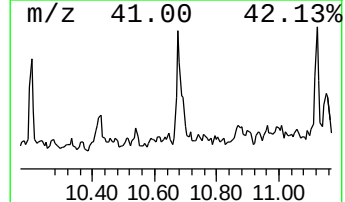
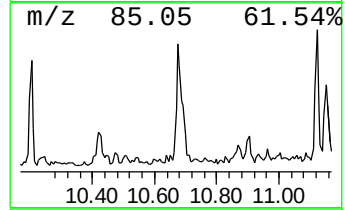
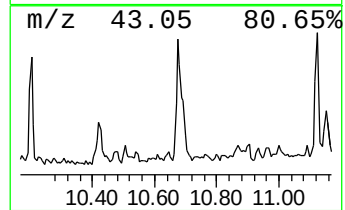
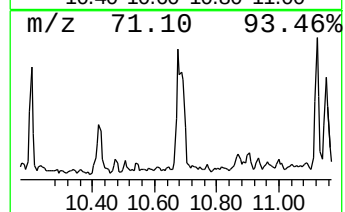
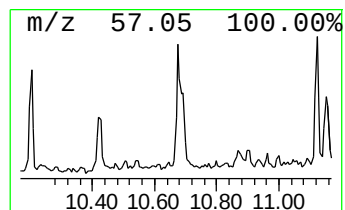
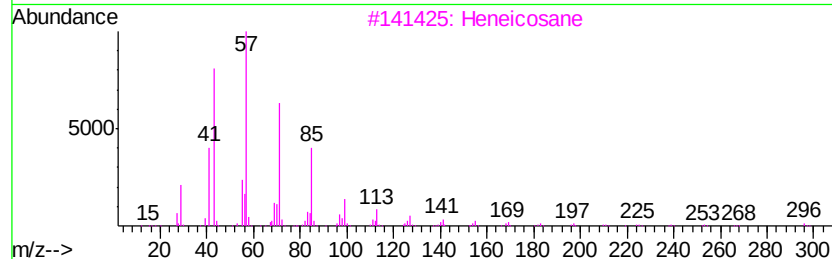
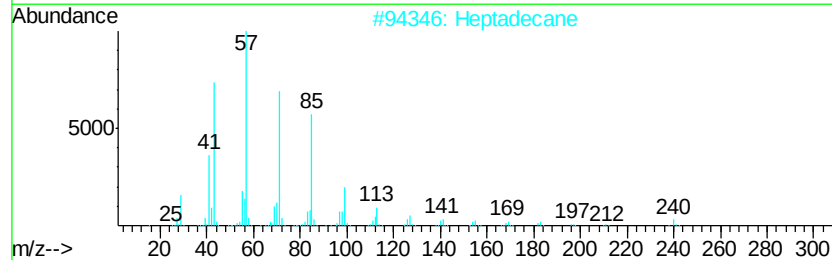
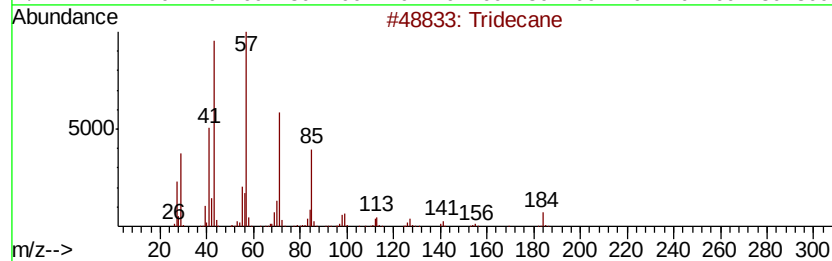
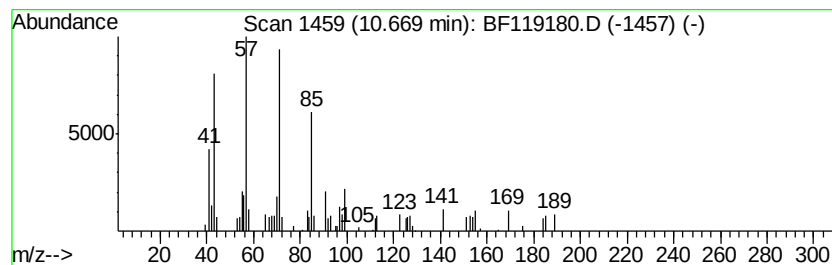
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.19 ng	121446	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Heptadecane		240	C17H36	000629-78-7	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	Hexacosane		366	C26H54	000630-01-3	87
5	Triacontane		422	C30H62	000638-68-6	86



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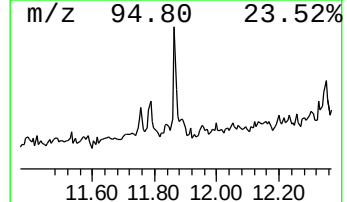
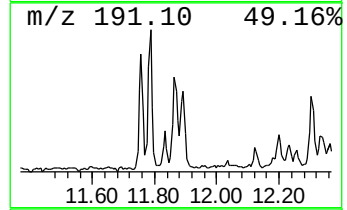
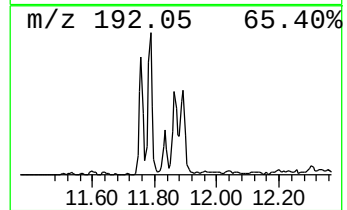
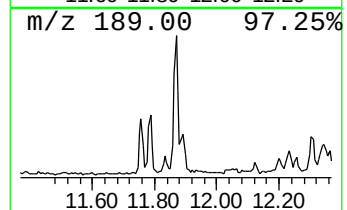
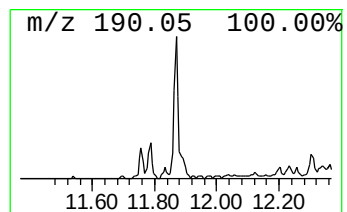
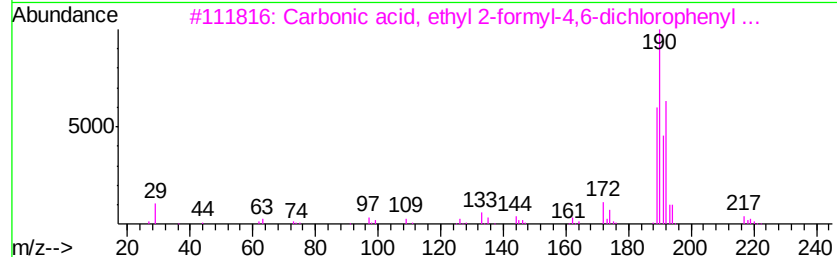
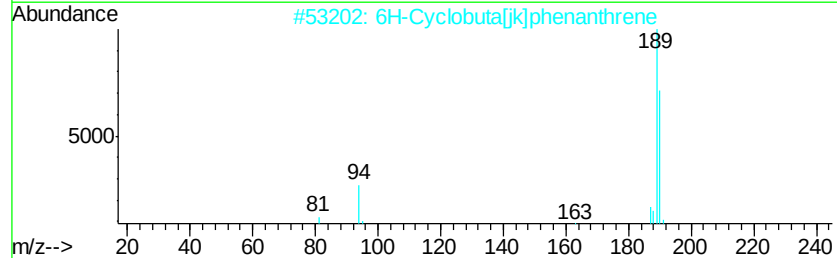
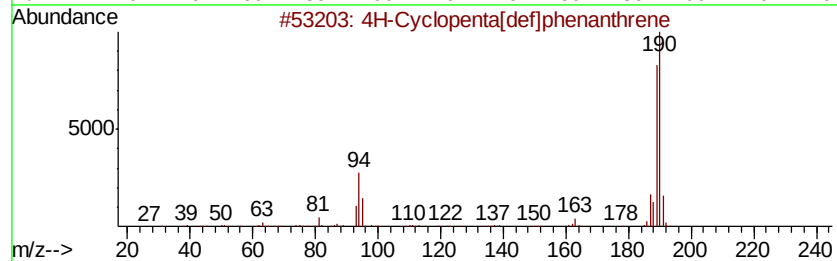
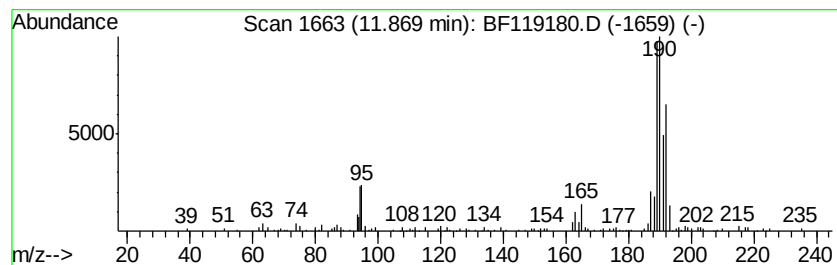
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.87	2.45 ng	136006	Phenanthrene-d10	11.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	58
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35



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Misc :
ALS Vial : 13 Sample Multiplier: 1

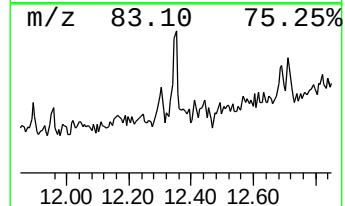
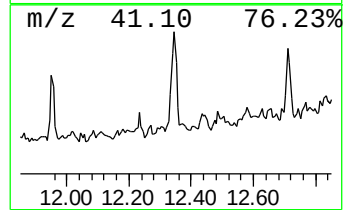
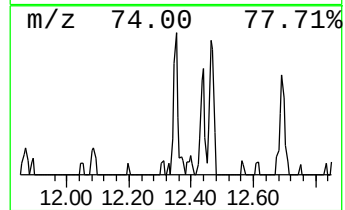
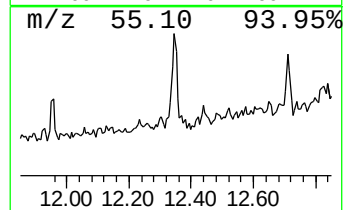
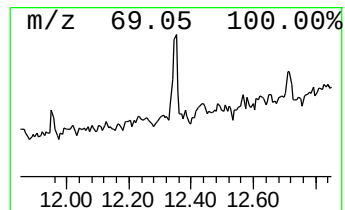
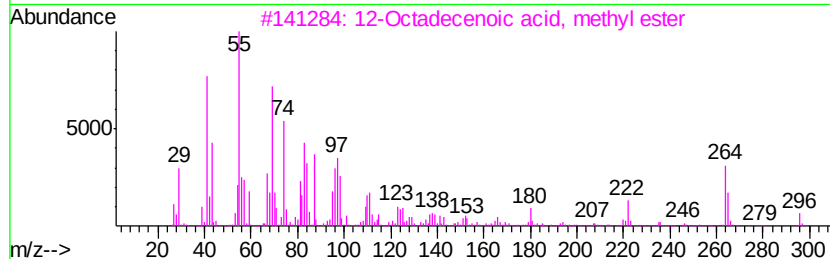
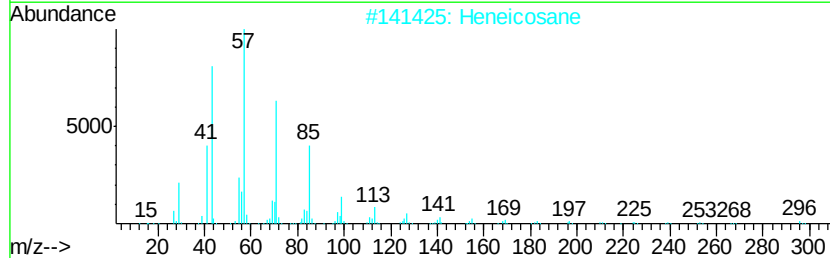
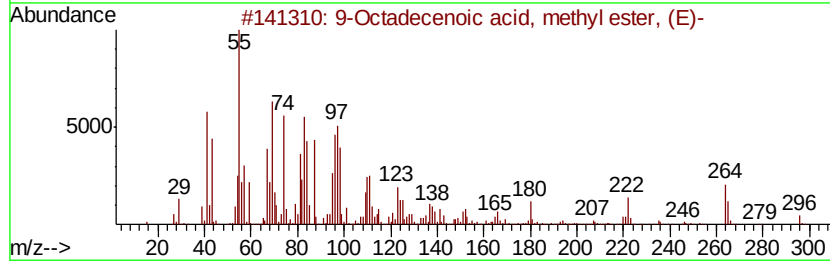
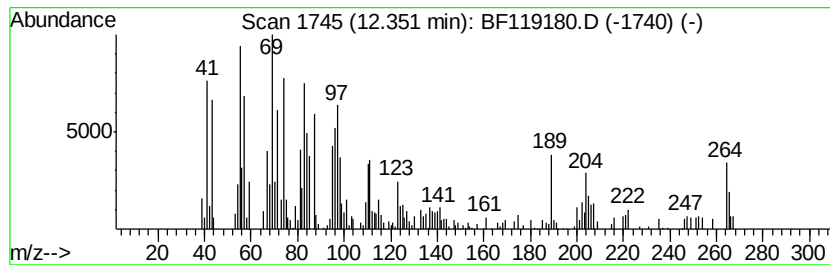
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.35	3.92 ng	217252	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
2	Heneicosane	296	C21H44	000629-94-7	64
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	56
4	Dodecane	170	C12H26	000112-40-3	46
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119180.D
Acq On : 2 Mar 2020 20:50
Operator : CG/JU
Sample : L1736-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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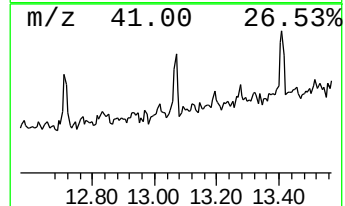
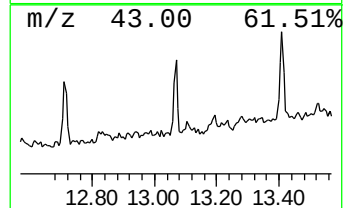
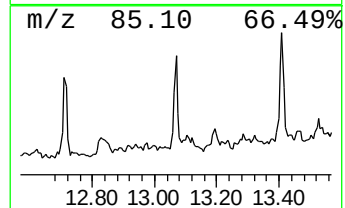
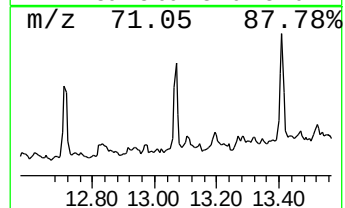
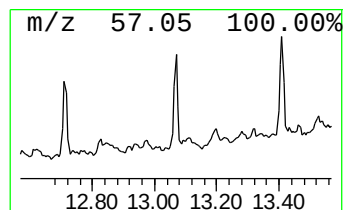
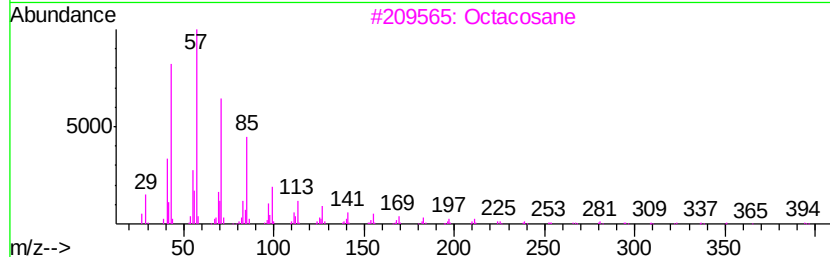
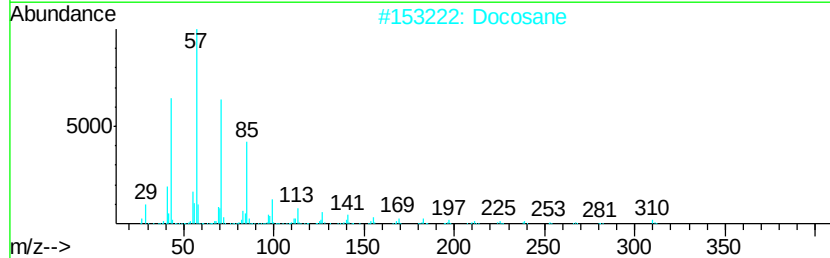
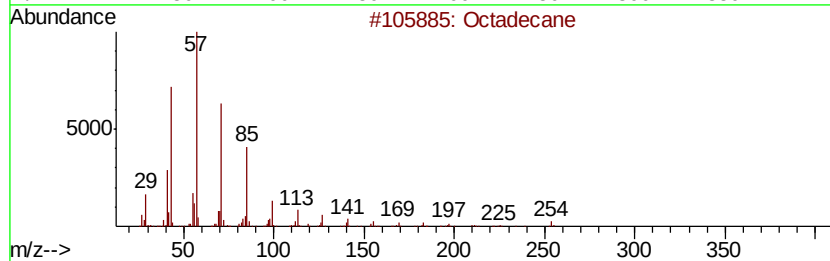
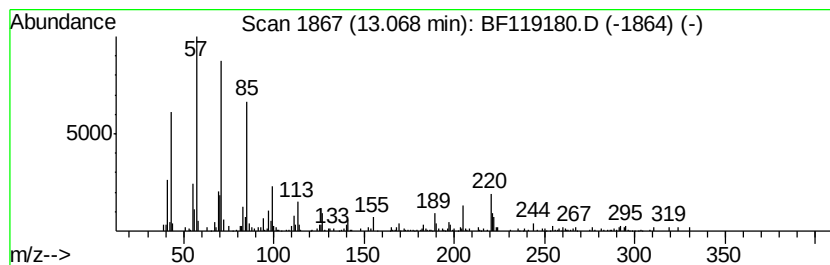
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.01 ng	109066	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Docosane	310	C22H46	000629-97-0	83
3		Octacosane	394	C28H58	000630-02-4	70
4		Hentriacontane	437	C31H64	000630-04-6	62
5		Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119180.D
Acq On : 2 Mar 2020 20:50
Operator : CG/JU
Sample : L1736-01 5X
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ALS Vial : 13 Sample Multiplier: 1

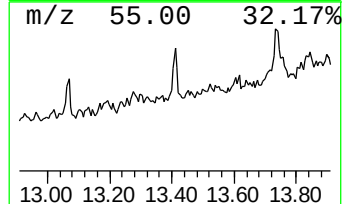
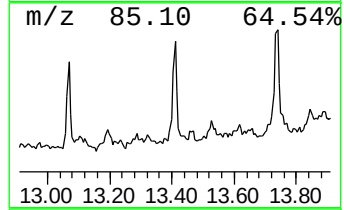
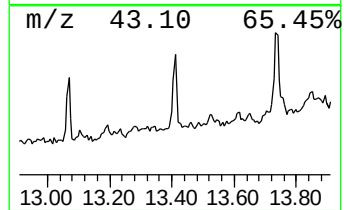
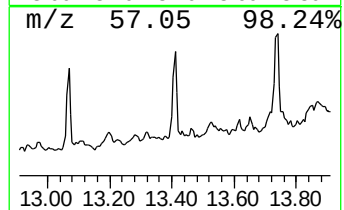
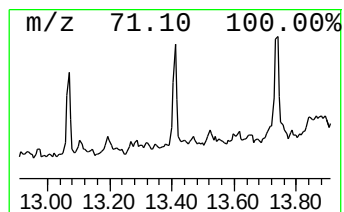
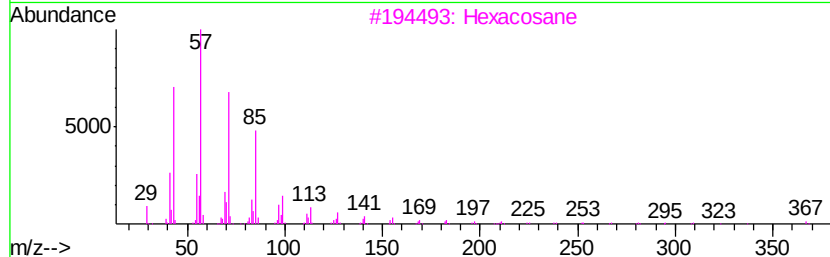
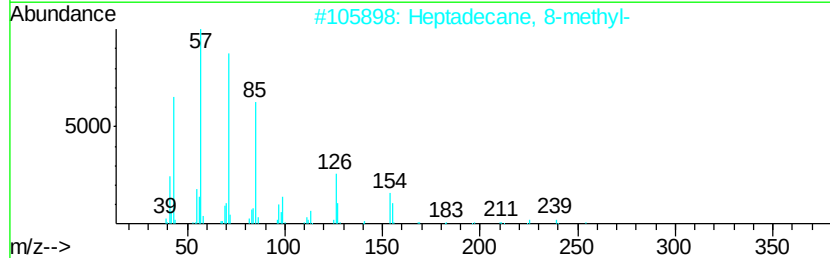
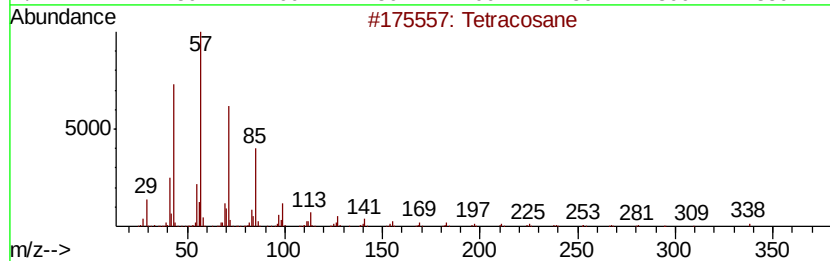
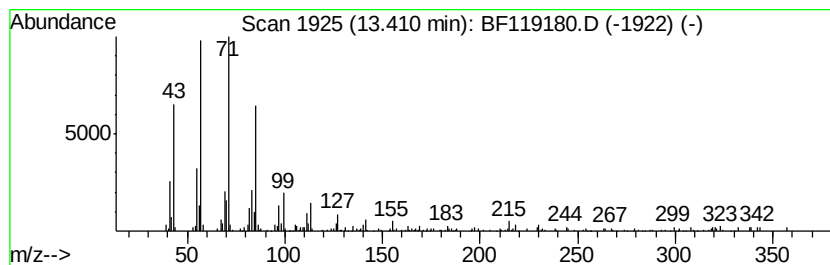
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.10 ng	113781	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 89
2		Heptadecane, 8-methyl-	254 C18H38	013287-23-5 87
3		Hexacosane	366 C26H54	000630-01-3 87
4		Octacosane	394 C28H58	000630-02-4 80
5		Heptacosane	380 C27H56	000593-49-7 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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Sample : L1736-01 5X
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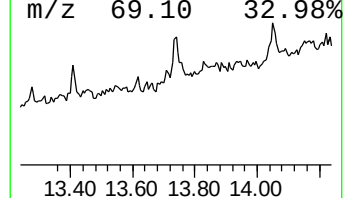
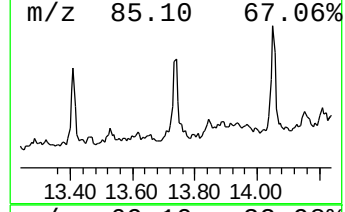
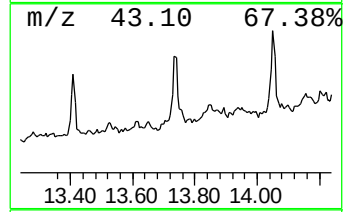
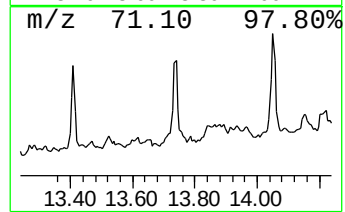
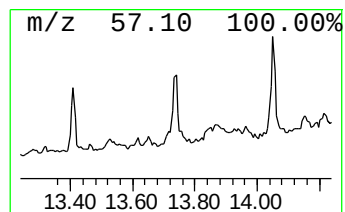
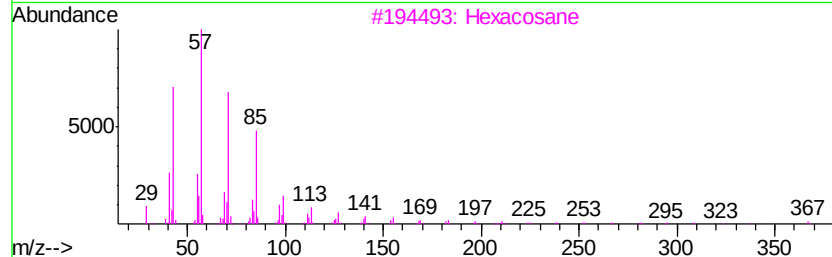
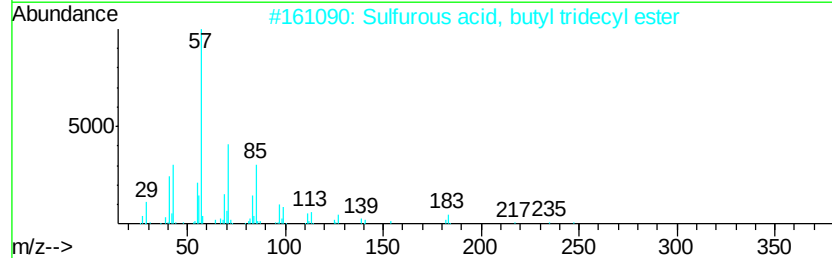
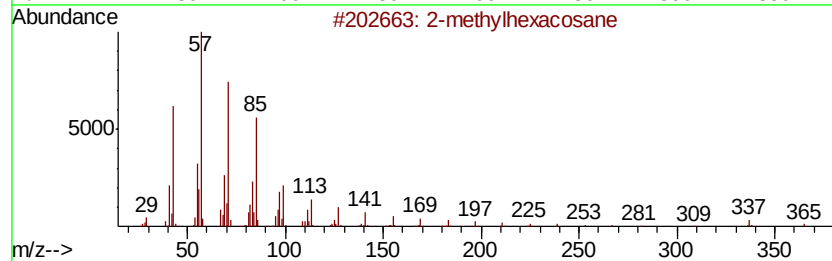
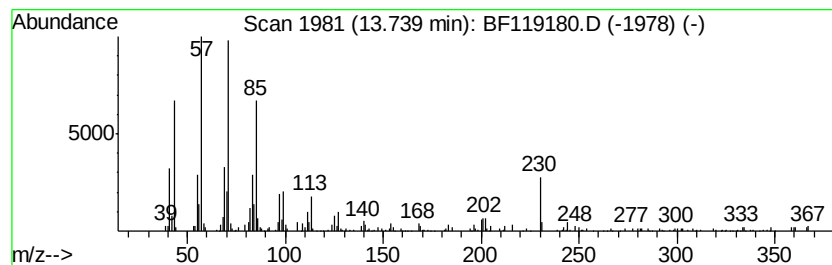
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methylhexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.74	2.79 ng	151399	Chrysene-d12	13.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	80	
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80	
3	Hexacosane	366	C26H54	000630-01-3	80	
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80	
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	74	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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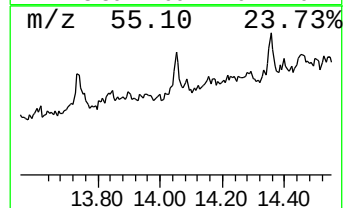
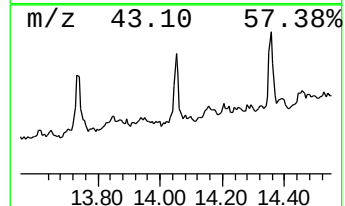
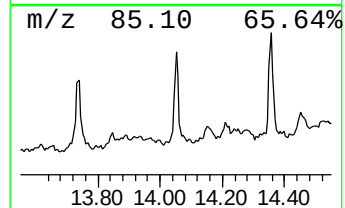
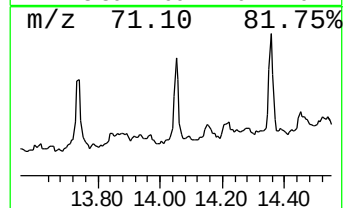
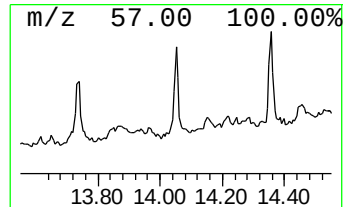
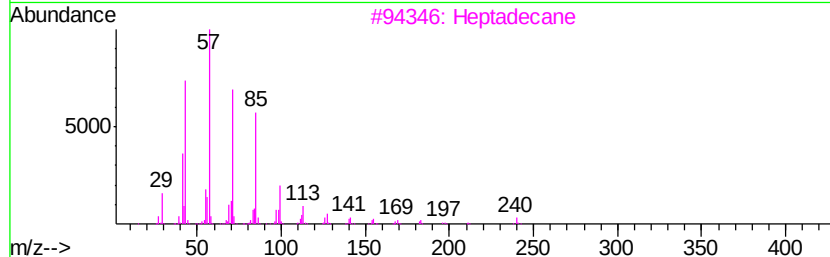
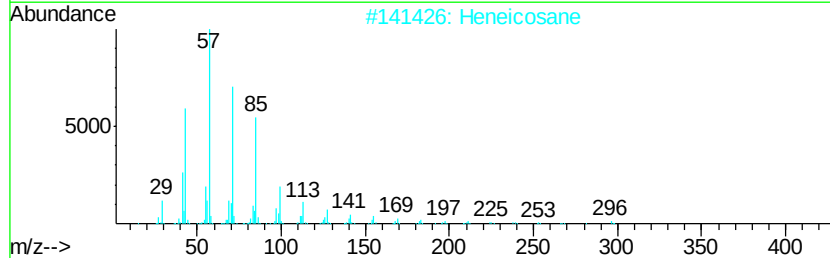
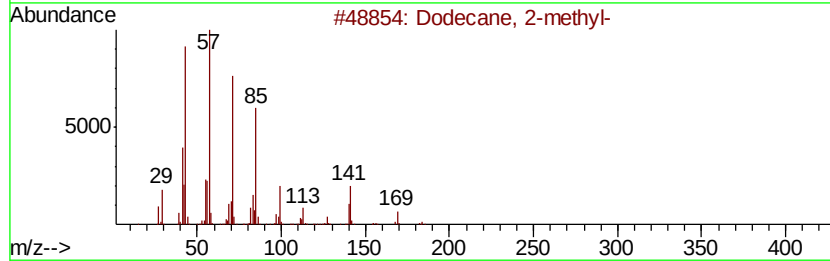
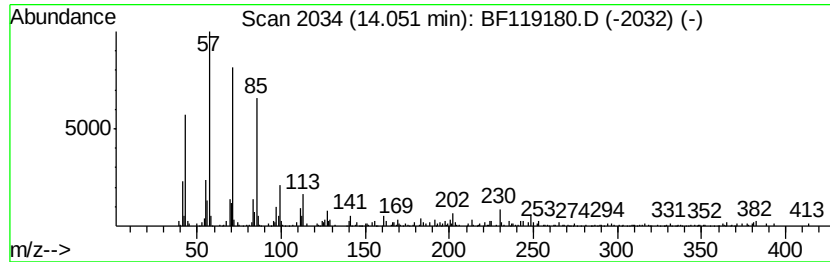
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.05	2.59 ng	140146	Chrysene-d12		13.89		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane	240	C17H36	000629-78-7	87
4			Triacontane	422	C30H62	000638-68-6	80
5			Hexacosane	366	C26H54	000630-01-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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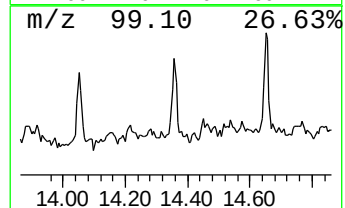
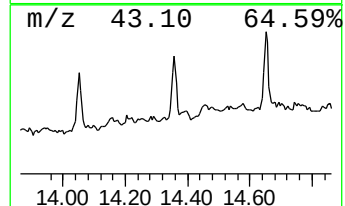
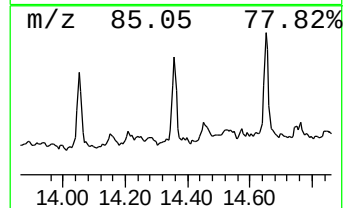
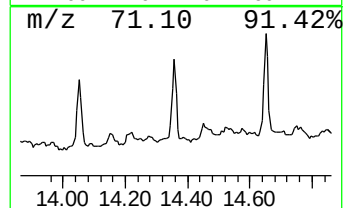
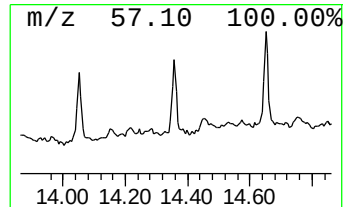
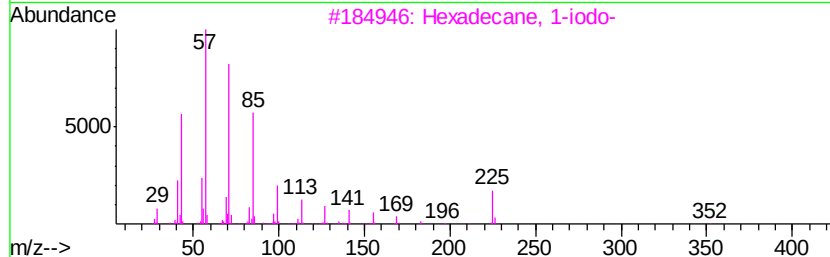
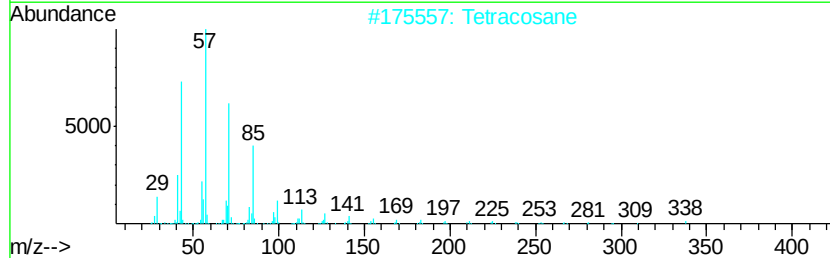
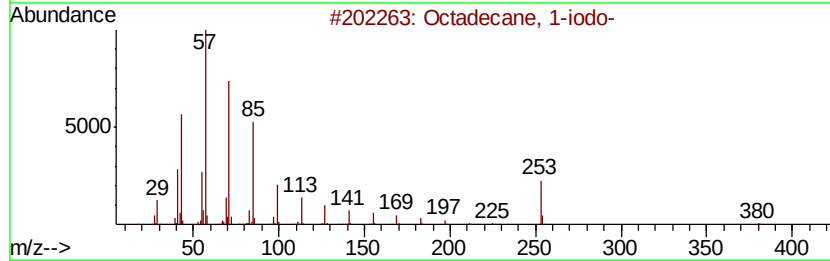
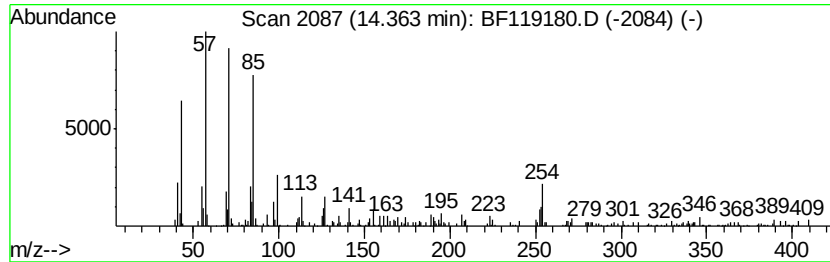
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.20 ng	119003	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	98
2	Tetracosane	338 C24H50	000646-31-1	93
3	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	93
4	Octadecane	254 C18H38	000593-45-3	93
5	Heptadecane	240 C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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Acq On : 2 Mar 2020 20:50
Operator : CG/JU
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ClientSampleId :
FK-SF-01-010-A

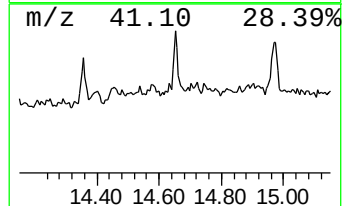
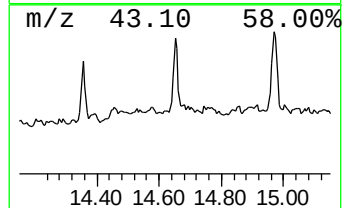
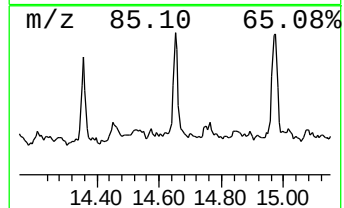
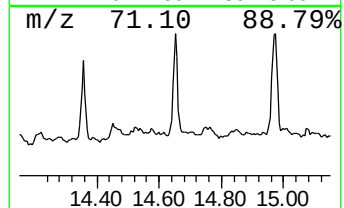
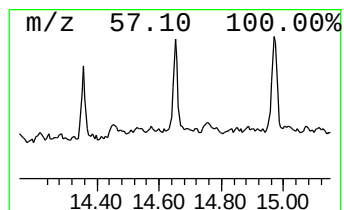
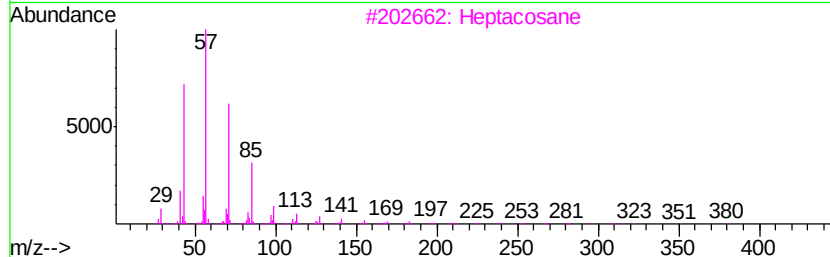
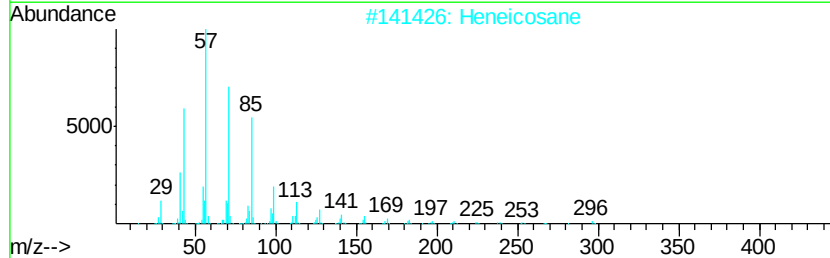
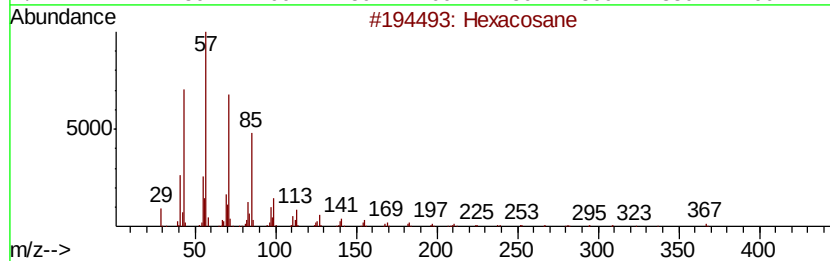
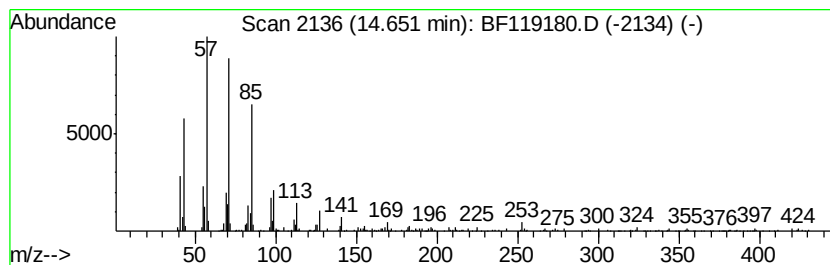
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.31 ng	164757	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
Data File : BF119180.D
Acq On : 2 Mar 2020 20:50
Operator : CG/JU
Sample : L1736-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentene, 2,4-di...	4.27	2.8	ng	91177	1	6.73	657813	20.0
2-Pentanone, 4-hy...	4.92	4.6	ng	151247	1	6.73	657813	20.0
Tridecane	10.67	2.2	ng	121446	4	11.26	1109130	20.0
4H-Cyclopenta[def...	11.87	2.5	ng	136006	4	11.26	1109130	20.0
9-Octadecenoic ac...	12.35	3.9	ng	217252	4	11.26	1109130	20.0
Octadecane	13.07	2.0	ng	109066	5	13.89	1084290	20.0
Tetracosane	13.41	2.1	ng	113781	5	13.89	1084290	20.0
2-methylhexacosane	13.74	2.8	ng	151399	5	13.89	1084290	20.0
Dodecane, 2-methyl-	14.05	2.6	ng	140146	5	13.89	1084290	20.0
Octadecane, 1-iodo-	14.36	2.2	ng	119003	5	13.89	1084290	20.0
Hexacosane	14.65	3.3	ng	164757	6	15.32	996152	20.0