

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
 Data File : BF115173.D
 Acq On : 25 Jun 2019 3:01
 Operator : HP/JU
 Sample : K3482-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

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-BF062119.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	3.478	252	262	267	rBV2	14207	34101	1.18%	0.077%
2	4.449	421	427	431	rVB	55545	65573	2.27%	0.148%
3	5.201	550	555	558	rBV	2082573	1846673	63.93%	4.167%
4	6.243	727	732	735	rBV	2269729	1994898	69.06%	4.502%
5	6.278	735	738	743	rVB	46815	42545	1.47%	0.096%
6	6.372	750	754	758	rBV	2374191	2107706	72.96%	4.756%
7	6.613	791	795	798	rBV	1717760	1550079	53.66%	3.498%
8	6.766	817	821	824	rBV	2080866	1626807	56.31%	3.671%
9	7.166	885	889	892	rBV	1599619	1261012	43.65%	2.845%
10	7.890	1008	1012	1015	rBV	2547019	2085883	72.21%	4.707%
11	8.966	1191	1195	1198	rBV	2923089	2277908	78.85%	5.140%
12	9.360	1259	1262	1269	rBV	283498	252406	8.74%	0.570%
13	9.495	1282	1285	1291	rVB	210543	181424	6.28%	0.409%
14	9.636	1305	1309	1319	rBV	2677571	2398435	83.03%	5.412%
15	9.836	1338	1343	1348	rBV3	31981	45026	1.56%	0.102%
16	9.954	1359	1363	1366	rBV2	27910	34582	1.20%	0.078%
17	10.060	1373	1381	1383	rBV6	21154	39637	1.37%	0.089%
18	10.089	1383	1386	1389	rVB2	32279	33227	1.15%	0.075%
19	10.148	1389	1396	1398	rBV3	26698	40538	1.40%	0.091%
20	10.178	1398	1401	1408	rVB2	42339	60608	2.10%	0.137%
21	10.413	1437	1441	1447	rBV	1636619	1389205	48.09%	3.135%
22	10.536	1458	1462	1465	rBV2	29480	43514	1.51%	0.098%
23	10.725	1489	1494	1497	rBV5	23634	43067	1.49%	0.097%
24	10.854	1511	1516	1517	rBV3	31036	31836	1.10%	0.072%
25	10.913	1523	1526	1531	rVB2	36193	47403	1.64%	0.107%
26	10.966	1531	1535	1537	rBV2	26734	36098	1.25%	0.081%
27	11.007	1539	1542	1545	rVB2	41398	41724	1.44%	0.094%
28	11.107	1555	1559	1561	rBV	3010792	2541065	87.96%	5.734%
29	11.130	1561	1563	1566	rVV	597996	448099	15.51%	1.011%
30	11.178	1566	1571	1575	rVV	180376	167588	5.80%	0.378%
31	11.219	1575	1578	1581	rVB3	30599	33790	1.17%	0.076%
32	11.366	1600	1603	1607	rBV3	31557	40881	1.42%	0.092%
33	11.436	1612	1615	1618	rVB2	75876	66077	2.29%	0.149%
34	11.519	1627	1629	1632	rVB	33206	34245	1.19%	0.077%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.607	1641	1644	1646	rBV	171224	140963	4.88%	0.318%
36	11.630	1646	1648	1650	rVV	199454	185187	6.41%	0.418%
37	11.654	1650	1652	1655	rVV	235201	244882	8.48%	0.553%
38	11.678	1655	1656	1659	rVV2	124626	106705	3.69%	0.241%
39	11.713	1659	1662	1665	rVV	299402	338716	11.73%	0.764%
40	11.736	1665	1666	1669	rVB	164179	107701	3.73%	0.243%
41	11.836	1680	1683	1686	rBV4	51891	48489	1.68%	0.109%
42	11.901	1691	1694	1701	rVB3	125933	186711	6.46%	0.421%
43	11.983	1705	1708	1710	rBV2	20516	29396	1.02%	0.066%
44	12.048	1717	1719	1722	rBV	53299	47948	1.66%	0.108%
45	12.083	1722	1725	1726	rBV	55320	44664	1.55%	0.101%
46	12.101	1726	1728	1731	rVB2	57380	49962	1.73%	0.113%
47	12.154	1733	1737	1740	rBV	198037	211930	7.34%	0.478%
48	12.189	1740	1743	1745	rVV	101625	104993	3.63%	0.237%
49	12.230	1748	1750	1756	rVB3	134878	176476	6.11%	0.398%
50	12.307	1760	1763	1770	rVB	1470609	1258212	43.55%	2.839%
51	12.366	1770	1773	1777	rBV2	71383	113967	3.95%	0.257%
52	12.401	1777	1779	1782	rVB	158211	119800	4.15%	0.270%
53	12.442	1782	1786	1790	rBV3	170205	249638	8.64%	0.563%
54	12.536	1797	1802	1805	rBV	1657147	1610649	55.75%	3.634%
55	12.654	1820	1822	1824	rBV	81109	74783	2.59%	0.169%
56	12.689	1824	1828	1831	rVV	2855418	2404574	83.24%	5.426%
57	12.754	1834	1839	1843	rBV4	162238	253422	8.77%	0.572%
58	12.842	1851	1854	1855	rBV	122719	132276	4.58%	0.298%
59	12.860	1855	1857	1861	rVB	219054	219695	7.61%	0.496%
60	12.930	1866	1869	1871	rBV	136540	121838	4.22%	0.275%
61	12.966	1872	1875	1878	rVB	237763	194836	6.74%	0.440%
62	13.024	1883	1885	1887	rBV2	42127	39724	1.38%	0.090%
63	13.054	1887	1890	1893	rVB	165698	129589	4.49%	0.292%
64	13.083	1893	1895	1900	rBV	135740	137448	4.76%	0.310%
65	13.360	1939	1942	1948	rVB	148043	169376	5.86%	0.382%
66	13.472	1958	1961	1965	rBV2	133679	169206	5.86%	0.382%
67	13.507	1965	1967	1968	rVV	114872	84618	2.93%	0.191%
68	13.524	1968	1970	1972	rVV	135769	120721	4.18%	0.272%
69	13.566	1975	1977	1982	rVB	120960	130478	4.52%	0.294%
70	13.613	1982	1985	1996	rBV5	214221	344468	11.92%	0.777%
71	13.724	1999	2004	2007	rBV2	2346845	2888804	100.00%	6.519%

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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 >
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72	13.748	2007	2008	2011	rVB	696258	446661	15.46%	1.008%
73	13.860	2025	2027	2029	rVB	97481	68858	2.38%	0.155%
74	13.930	2037	2039	2043	rBV2	88821	93878	3.25%	0.212%
75	14.113	2066	2070	2072	rBV	207985	214725	7.43%	0.485%
76	14.142	2073	2075	2079	rVB	128471	101531	3.51%	0.229%
77	14.201	2083	2085	2087	rVV	108838	86695	3.00%	0.196%
78	14.236	2088	2091	2098	rVB3	204374	329902	11.42%	0.744%
79	14.530	2138	2141	2143	rBV2	203146	193391	6.69%	0.436%
80	14.718	2168	2173	2175	rBV	799117	1133425	39.24%	2.558%
81	14.807	2186	2188	2190	rBV	201570	219849	7.61%	0.496%
82	14.830	2190	2192	2196	rVB	282570	260244	9.01%	0.587%
83	14.977	2214	2217	2222	rVB	527993	600157	20.78%	1.354%
84	15.036	2223	2227	2231	rVB	701362	803421	27.81%	1.813%
85	15.089	2232	2236	2239	rBV	1613766	1788971	61.93%	4.037%
86	15.166	2246	2249	2256	rVB	360698	481640	16.67%	1.087%
87	15.548	2311	2314	2317	rBV	232678	298274	10.33%	0.673%
88	16.354	2446	2451	2458	rVB2	324007	599615	20.76%	1.353%
89	16.730	2510	2515	2531	rVB	310161	658357	22.79%	1.486%

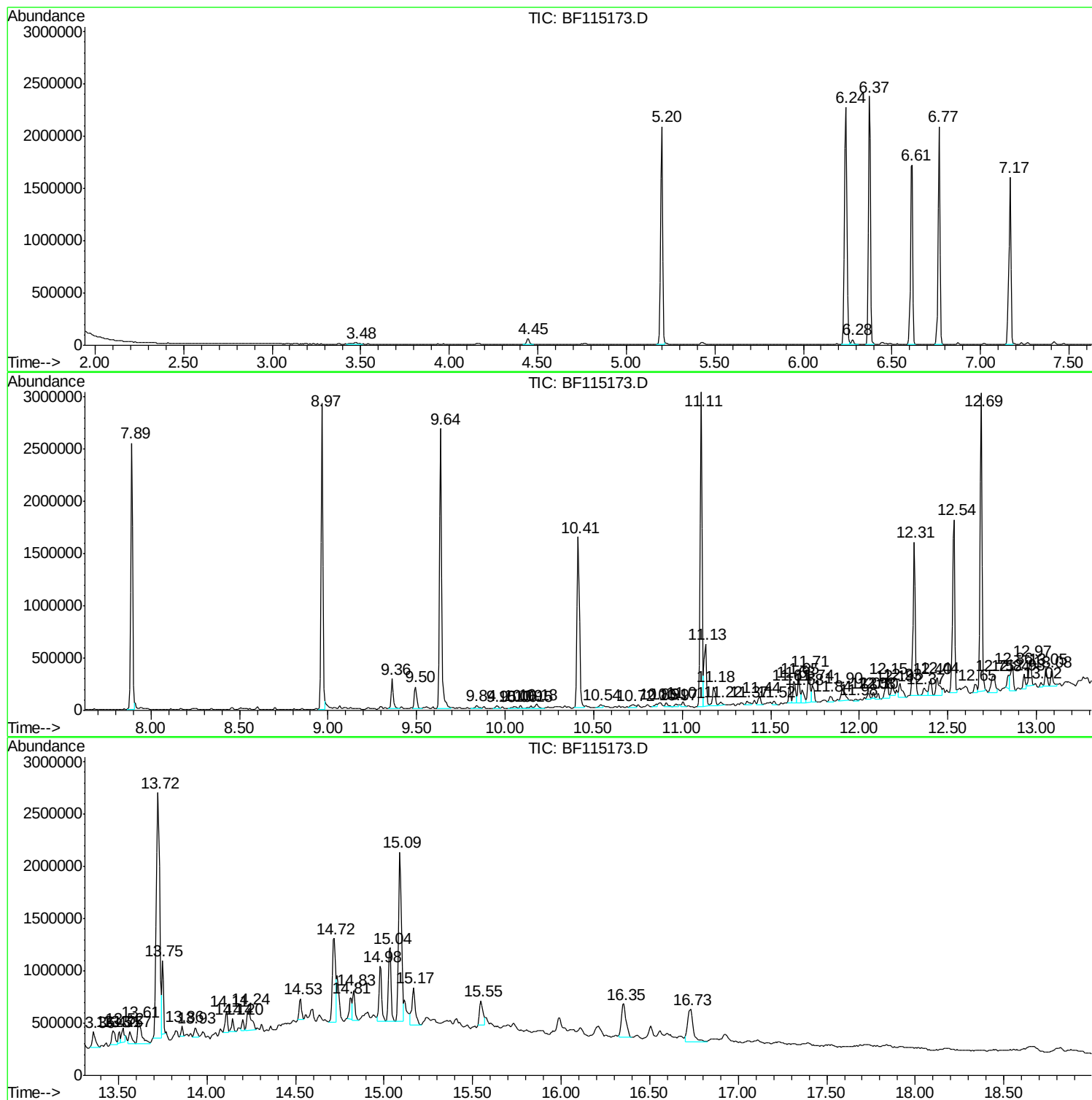
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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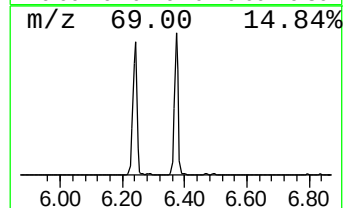
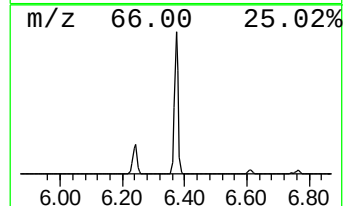
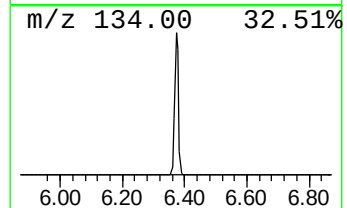
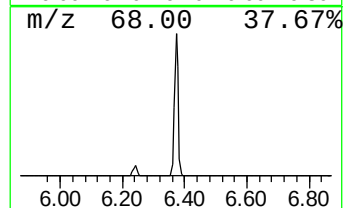
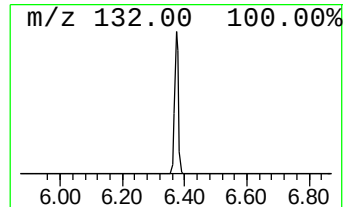
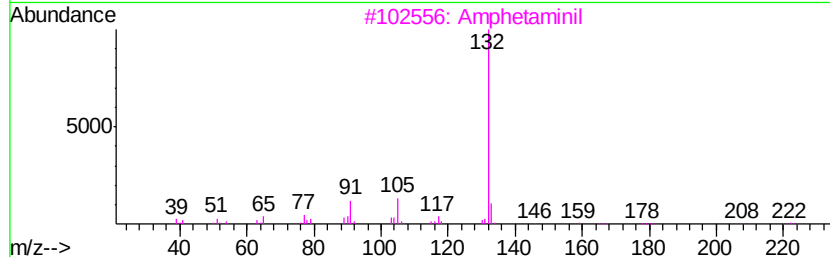
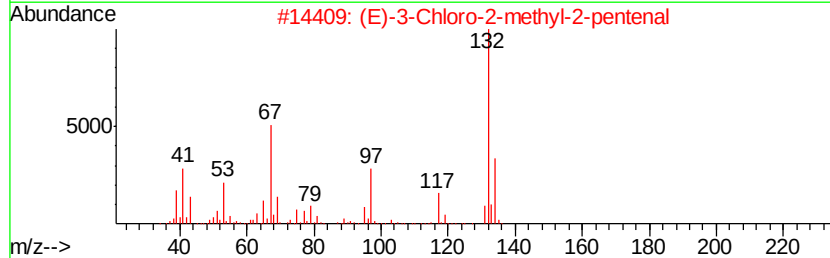
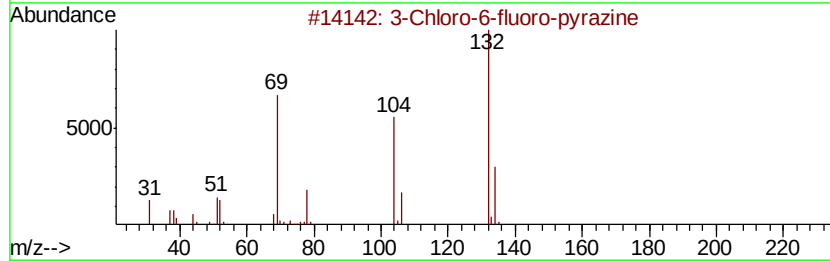
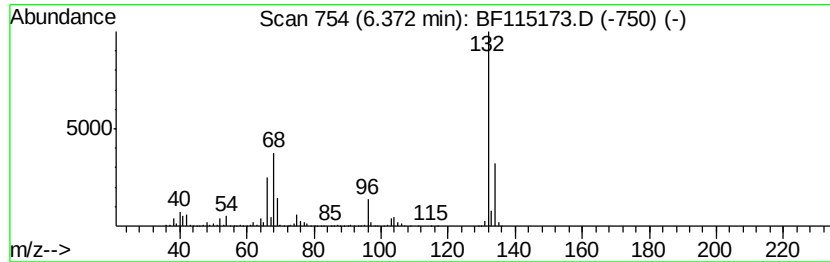
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	27.19 ng	2107710	1,4-Dichlorobenzene-d4	6.61

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		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12



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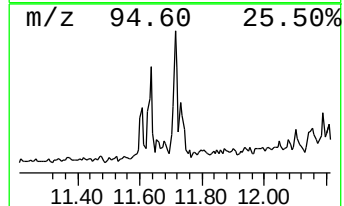
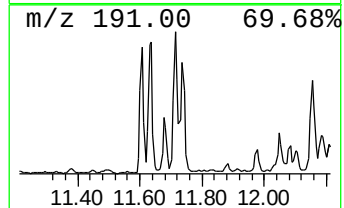
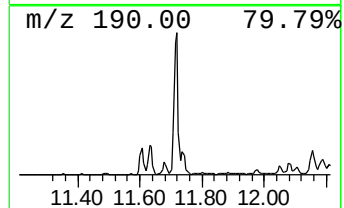
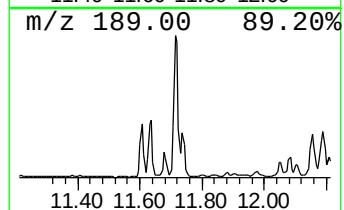
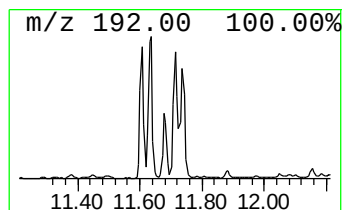
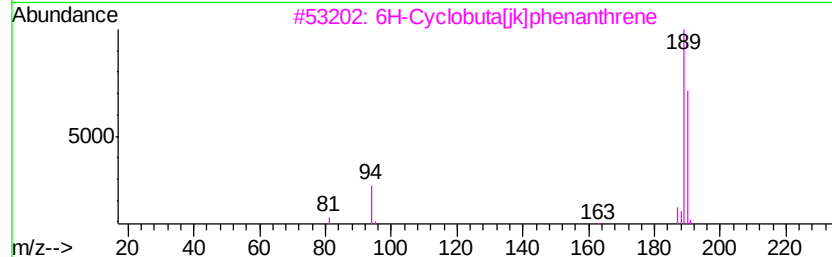
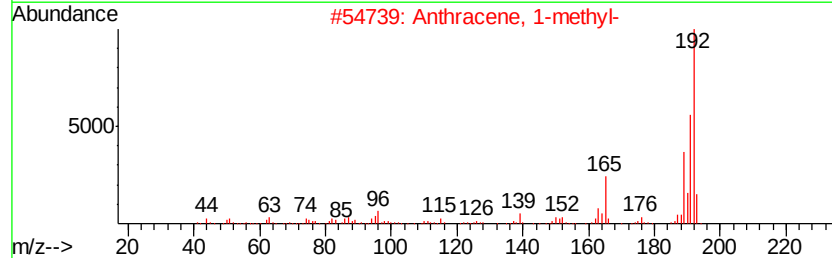
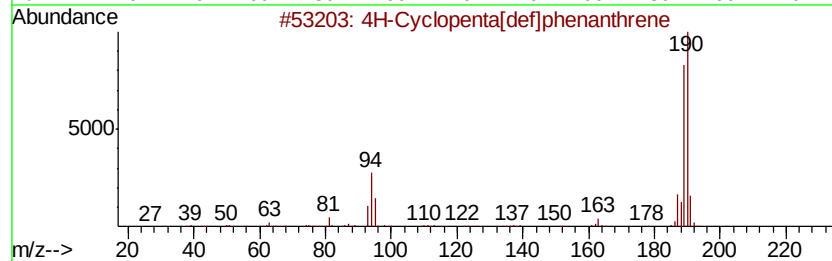
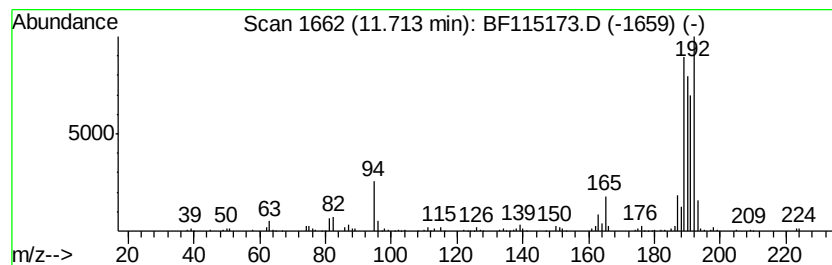
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.71	2.67 ng	338716	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4	1H-Cyclopropa[ll]phenanthrene, 1a, ...	192	C15H12	000949-41-7	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42



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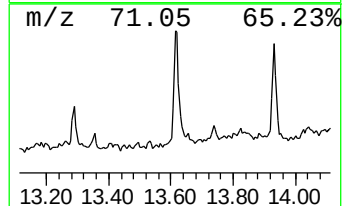
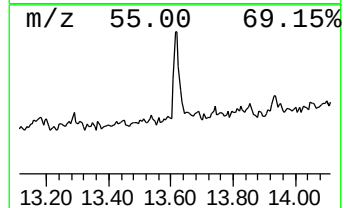
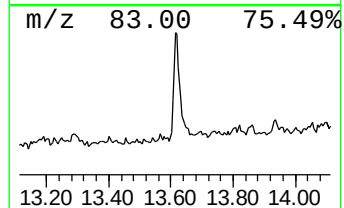
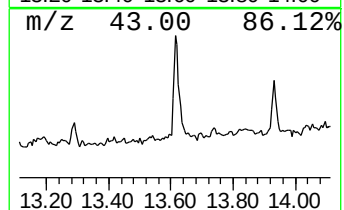
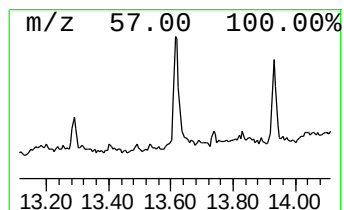
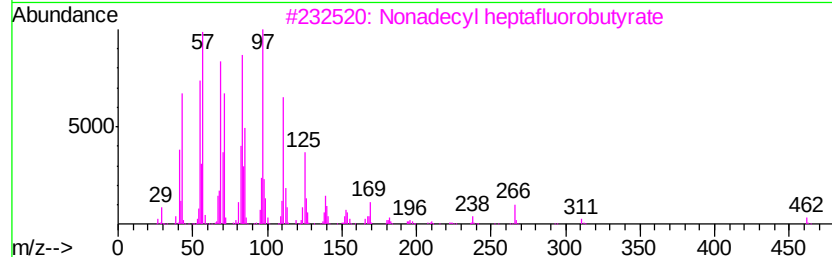
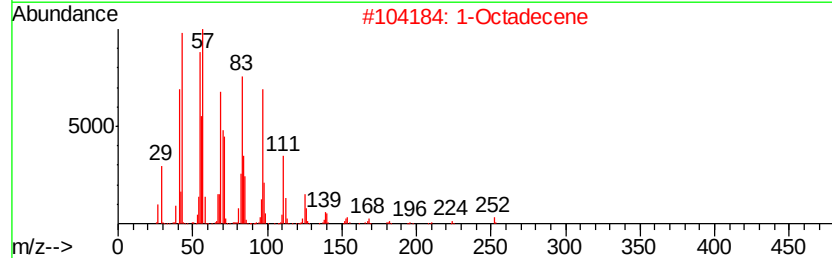
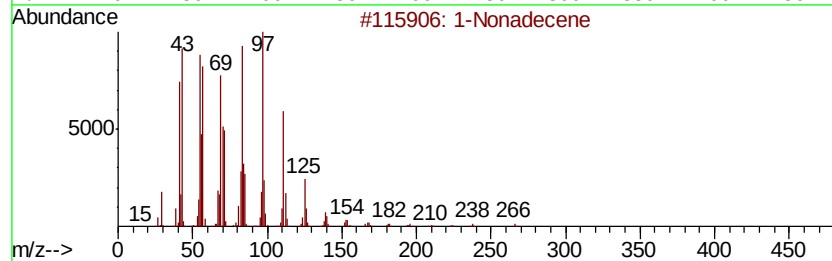
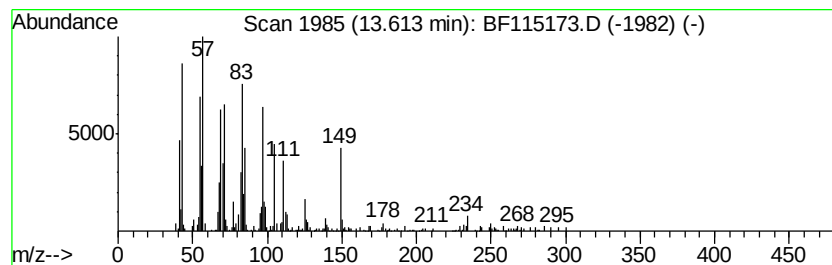
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.38 ng	344468	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		1-Octadecene	252	C18H36	000112-88-9	89
3		Nonadecyl heptafluorobutvrate	480	C23H39F7O2	1000351-83-9	81
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	78



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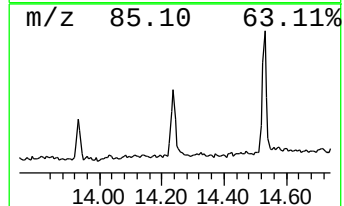
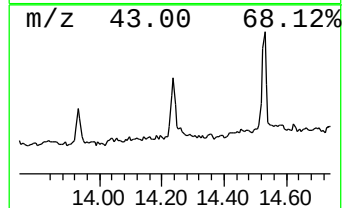
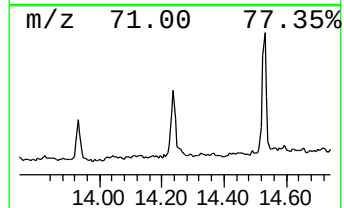
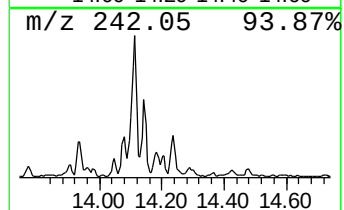
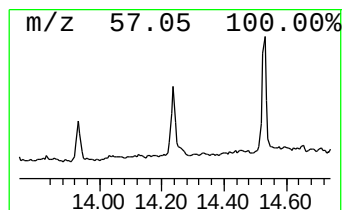
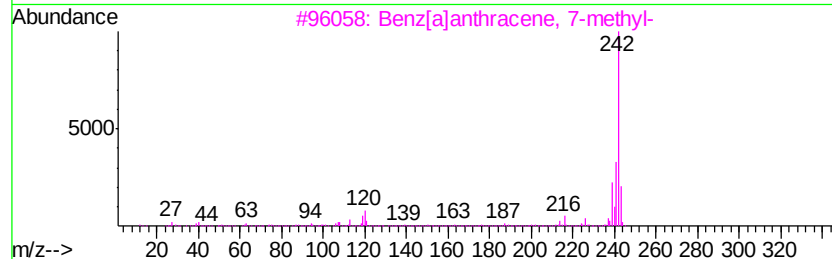
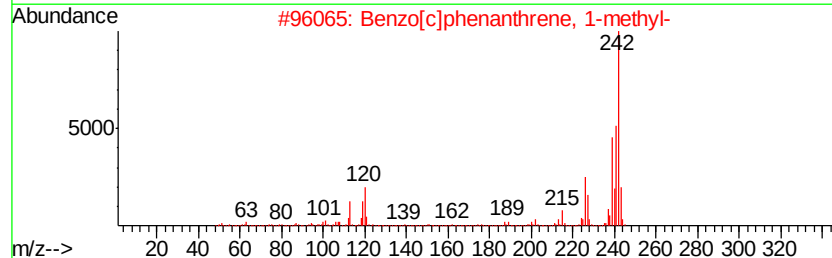
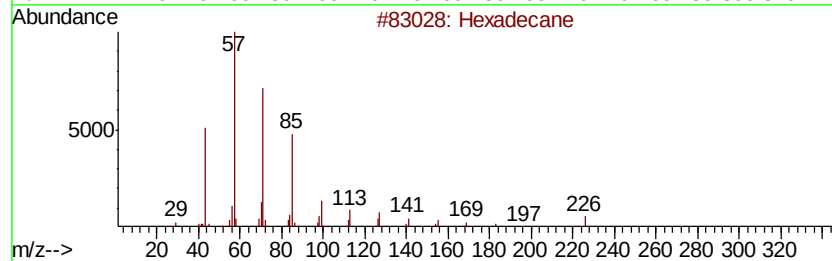
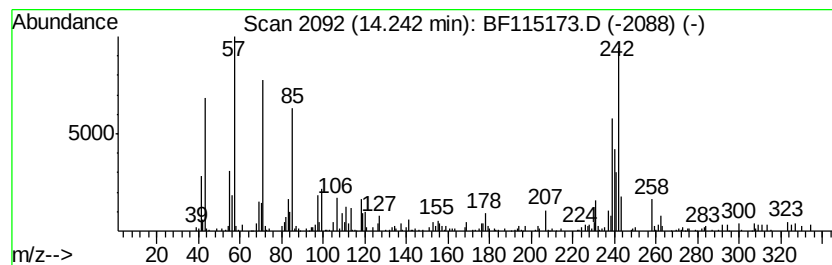
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.28 ng	329902	Chrysene-d12	13.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 53
2	Benzo[c]phenanthrene, 1-methyl-		242 C19H14	004076-39-5 42
3	Benz[a]anthracene, 7-methyl-		242 C19H14	002541-69-7 38
4	Chrysene, 5-methyl-		242 C19H14	003697-24-3 30
5	Nonadecane, 4-methyl-		282 C20H42	025117-27-5 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115173.D
 Acq On : 25 Jun 2019 3:01
 Operator : HP/JU
 Sample : K3482-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

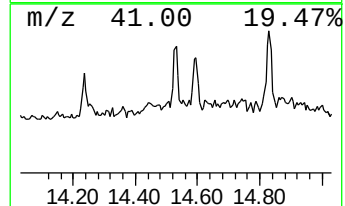
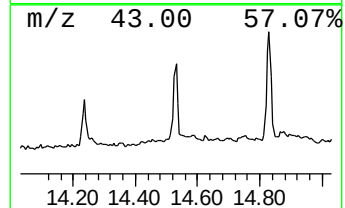
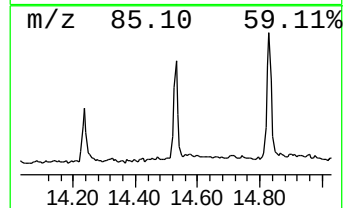
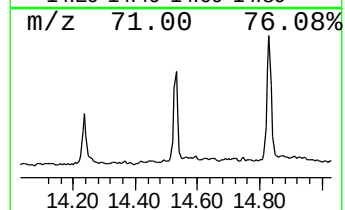
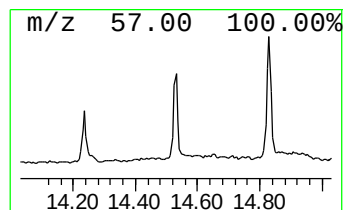
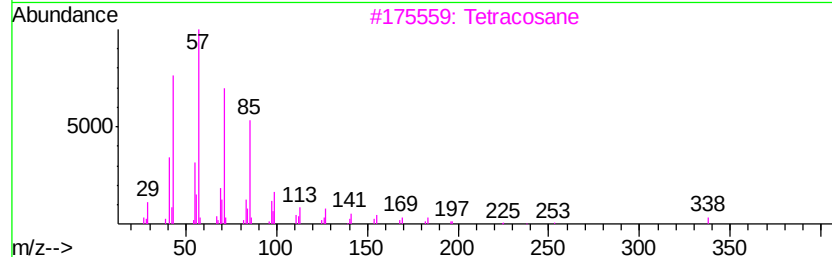
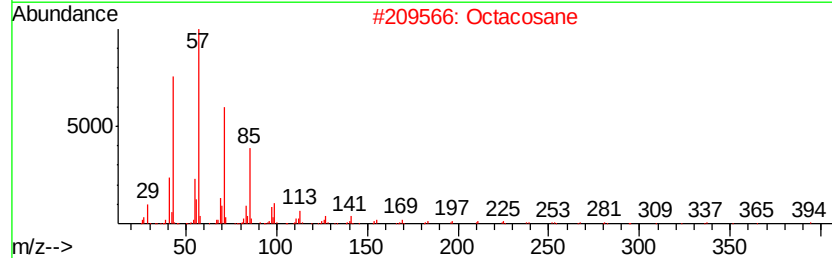
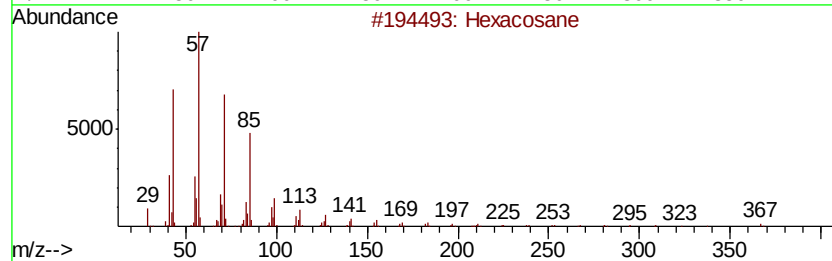
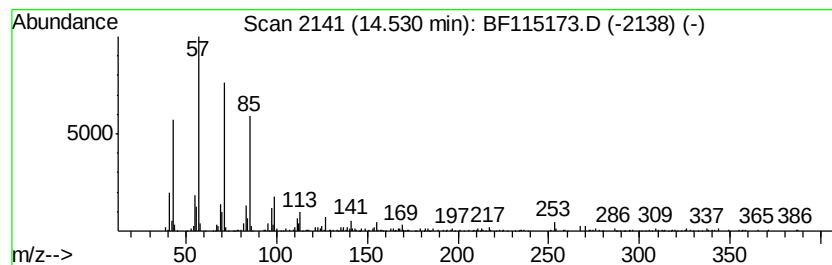
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.16 ng	193391	Perylene-d12	15.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115173.D
Acq On : 25 Jun 2019 3:01
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Sample : K3482-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

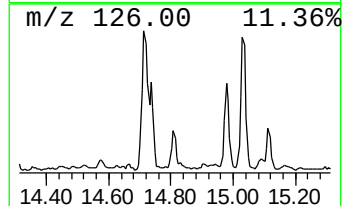
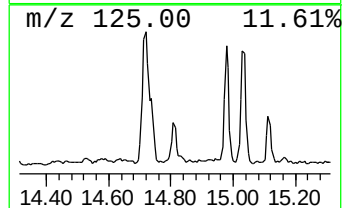
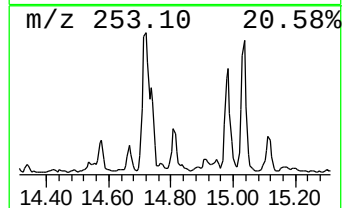
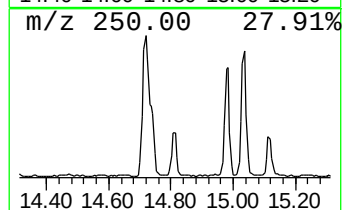
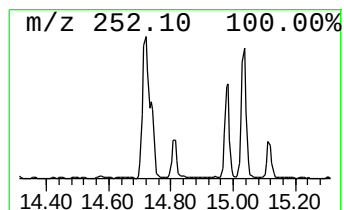
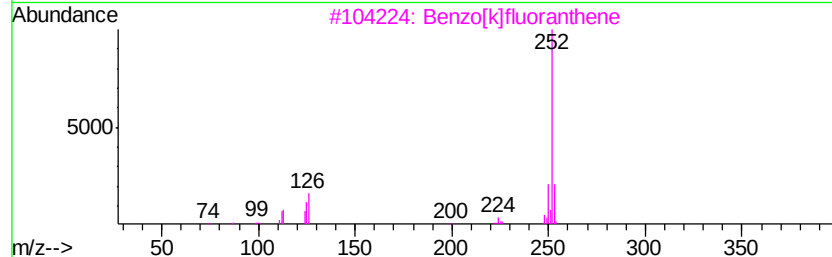
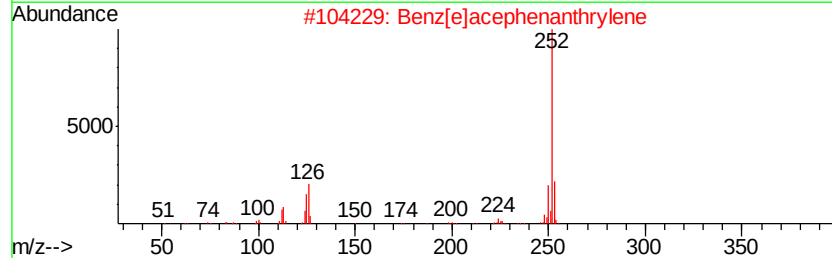
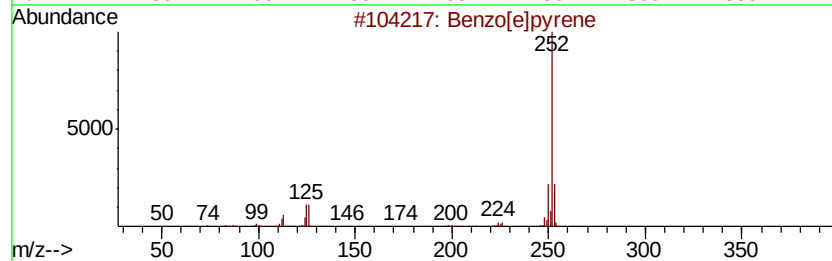
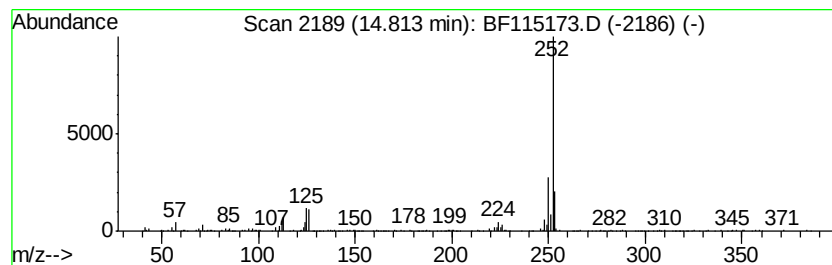
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.46 ng	219849	Perylene-d12	15.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Acq On : 25 Jun 2019 3:01
Operator : HP/JU
Sample : K3482-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

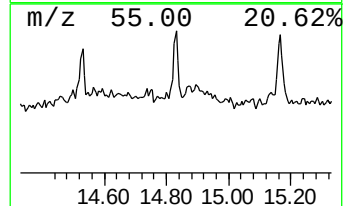
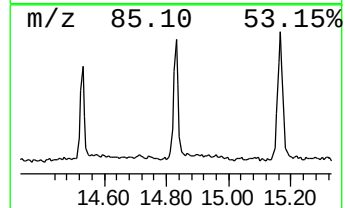
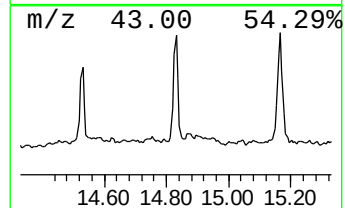
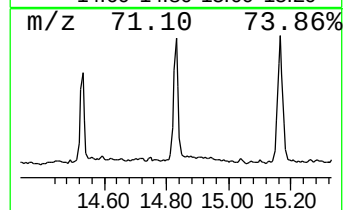
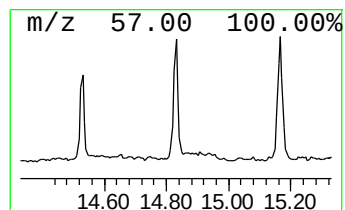
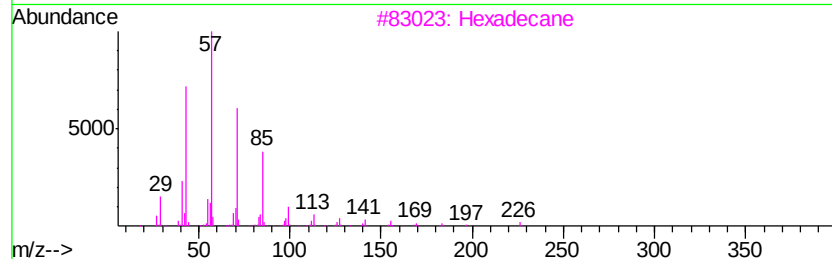
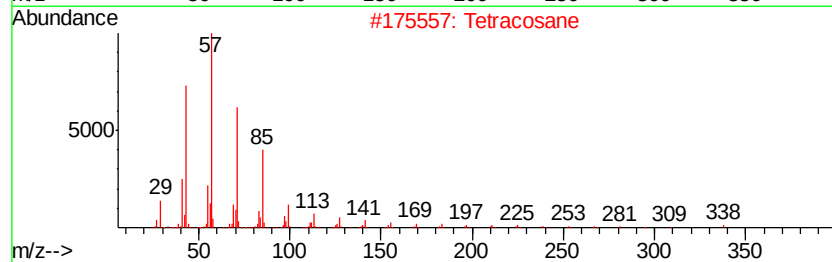
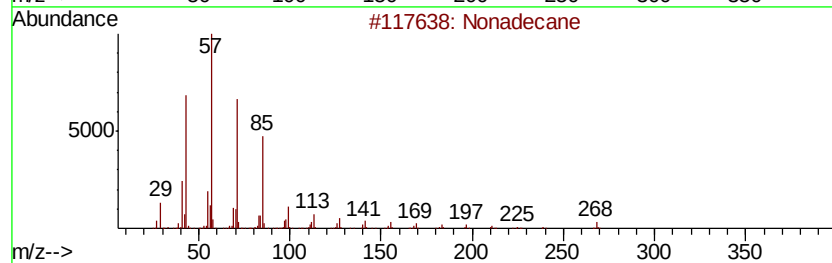
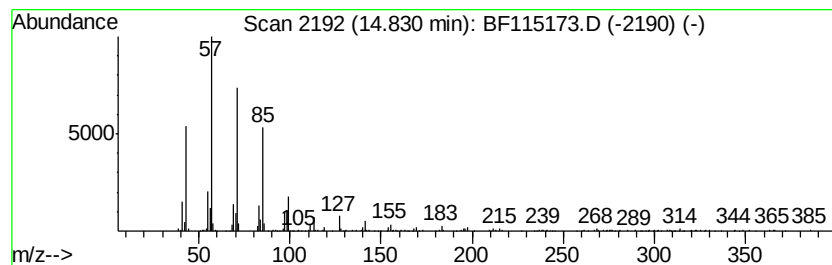
Instrument :
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ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.83	2.91 ng	260244	Perylene-d12		15.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5	Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115173.D
Acq On : 25 Jun 2019 3:01
Operator : HP/JU
Sample : K3482-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1

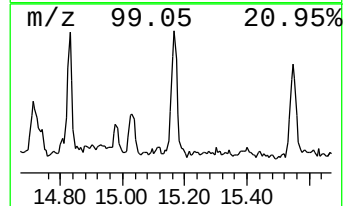
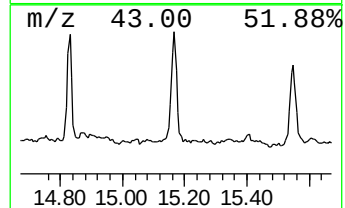
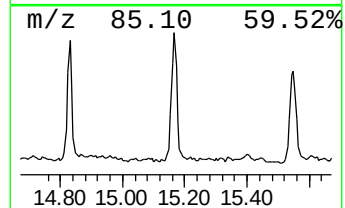
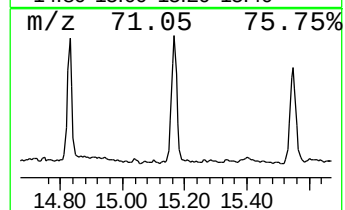
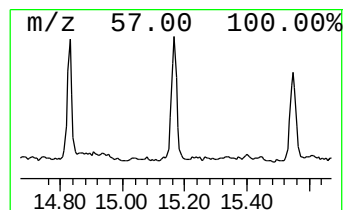
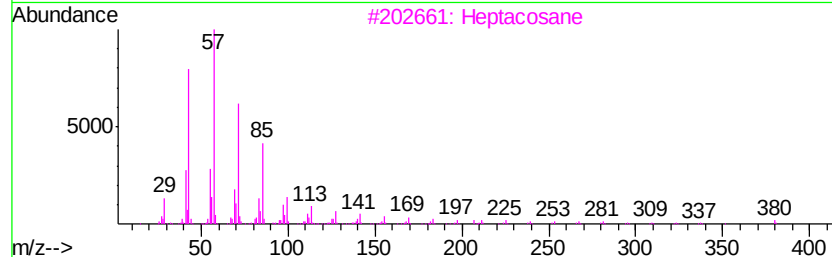
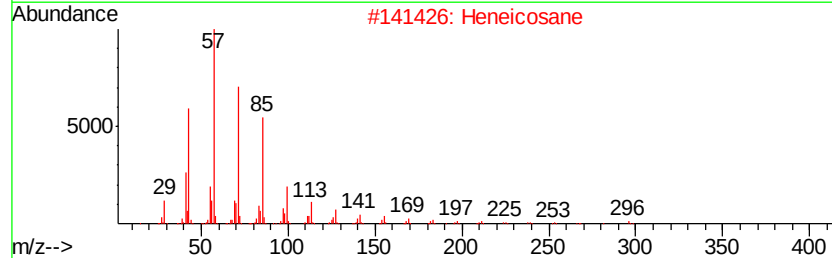
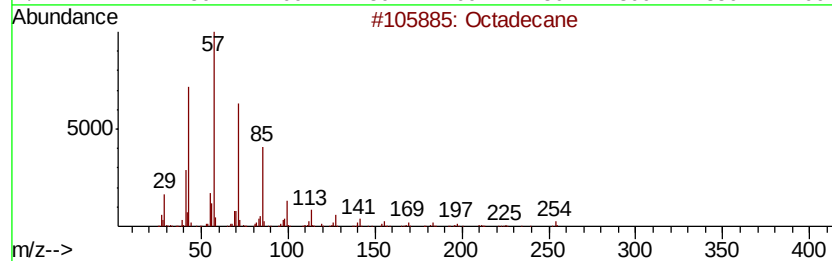
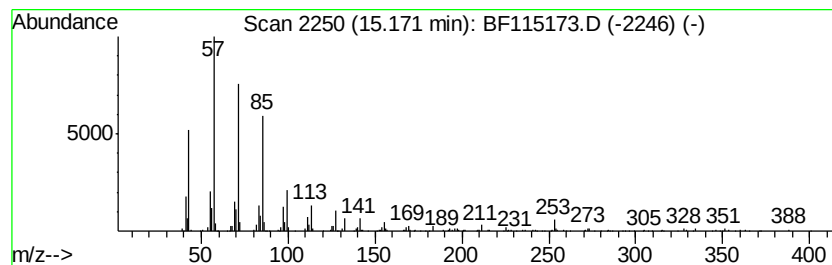
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.38 ng	481640	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115173.D
Acq On : 25 Jun 2019 3:01
Operator : HP/JU
Sample : K3482-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1

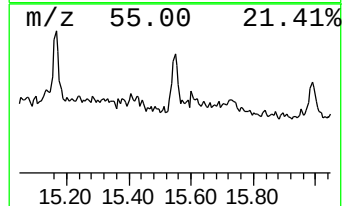
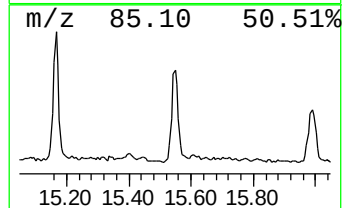
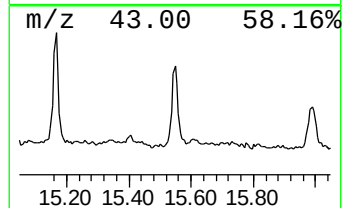
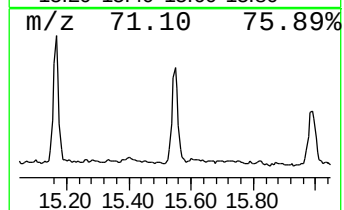
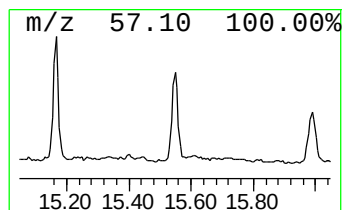
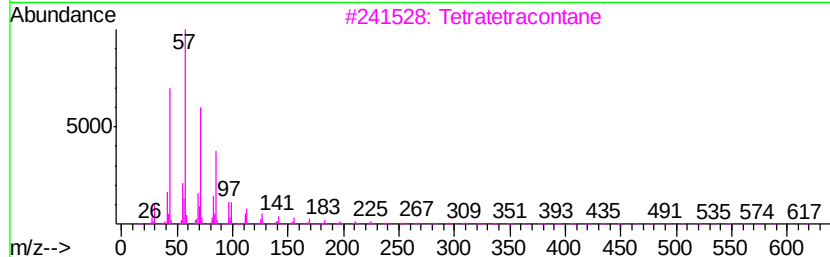
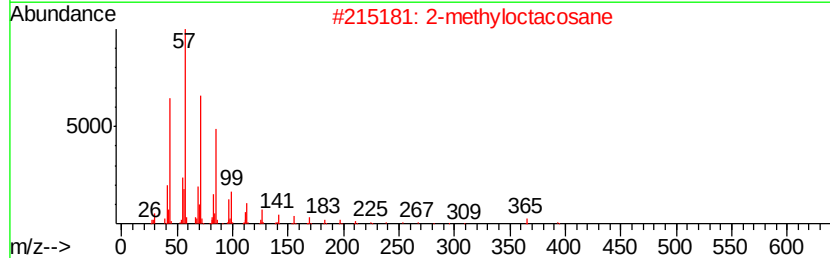
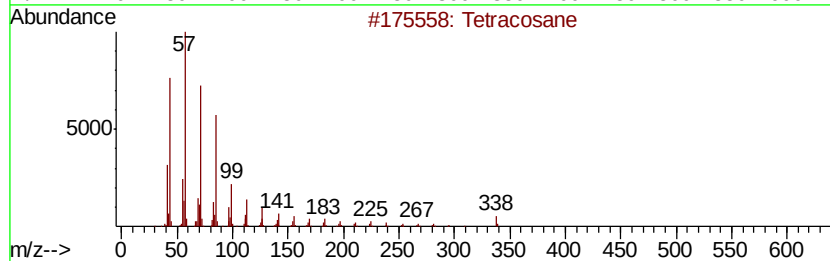
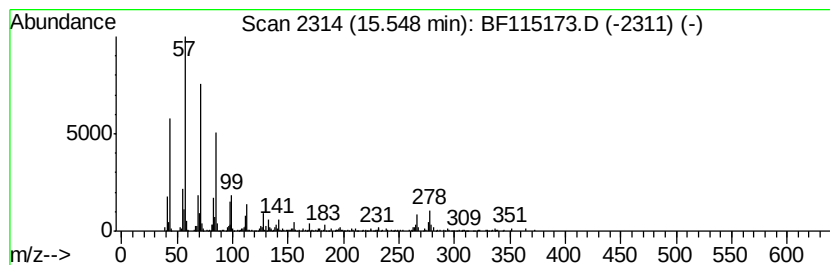
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.33 ng	298274	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
Data File : BF115173.D
Acq On : 25 Jun 2019 3:01
Operator : HP/JU
Sample : K3482-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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4H-Cyclopenta[def...	11.71	2.7	ng	338716	4	11.11	2541070	20.0
1-Nonadecene	13.61	2.4	ng	344468	5	13.72	2888800	20.0
Hexadecane	14.24	2.3	ng	329902	5	13.72	2888800	20.0
Hexacosane	14.53	2.2	ng	193391	6	15.09	1788970	20.0
Benzo[e]pyrene	14.81	2.5	ng	219849	6	15.09	1788970	20.0
Nonadecane	14.83	2.9	ng	260244	6	15.09	1788970	20.0
Octadecane	15.17	5.4	ng	481640	6	15.09	1788970	20.0
Tetracosane	15.55	3.3	ng	298274	6	15.09	1788970	20.0