

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000524.D
 Acq On : 04 Oct 2019 22:01
 Operator : JU
 Sample : K5158-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ROLL-OFF

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_P\METHODS\8270-BP100119.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	5.393	558	562	577	rBV	3906549	3640830	59.26%	5.135%
2	6.051	671	674	677	rBV	83193	72224	1.18%	0.102%
3	6.410	731	735	744	rBV	4047171	3877953	63.12%	5.469%
4	6.540	753	757	761	rBV	4224226	4002660	65.15%	5.645%
5	6.769	792	796	799	rBV	1730233	1357432	22.09%	1.915%
6	6.922	819	822	826	rBV	3845843	3463378	56.37%	4.885%
7	7.328	887	891	894	rBV	2903226	2364993	38.49%	3.336%
8	8.051	1010	1014	1017	rBV	2180478	1704154	27.74%	2.404%
9	8.663	1107	1118	1130	rBV6	34885	84902	1.38%	0.120%
10	9.128	1194	1197	1201	rBV	6113942	5450174	88.71%	7.687%
11	9.528	1261	1265	1268	rBV	744109	620354	10.10%	0.875%
12	9.810	1310	1313	1321	rVB	2454748	2196979	35.76%	3.099%
13	10.139	1366	1369	1375	rVB2	119812	140704	2.29%	0.198%
14	10.257	1386	1389	1392	rVB	121408	89283	1.45%	0.126%
15	10.363	1404	1407	1414	rBV3	54379	104130	1.69%	0.147%
16	10.610	1444	1449	1452	rBV	3500767	3368901	54.83%	4.752%
17	10.733	1467	1470	1471	rBV	261315	208812	3.40%	0.295%
18	11.122	1532	1536	1544	rBV	6429426	6144147	100.00%	8.666%
19	11.186	1544	1547	1549	rVV	305231	297249	4.84%	0.419%
20	11.216	1549	1552	1556	rVB2	183248	211878	3.45%	0.299%
21	11.310	1564	1568	1571	rBV	2674712	2255222	36.71%	3.181%
22	11.333	1571	1572	1577	rVV	327058	293221	4.77%	0.414%
23	11.386	1578	1581	1585	rVB	200760	201812	3.28%	0.285%
24	11.480	1595	1597	1602	rVB	399773	309364	5.04%	0.436%
25	11.616	1617	1620	1623	rVB	279342	213716	3.48%	0.301%
26	11.669	1627	1629	1632	rBV3	153763	131172	2.13%	0.185%
27	11.857	1657	1661	1663	rBV2	663545	664498	10.82%	0.937%
28	11.880	1663	1665	1669	rVV	351218	366301	5.96%	0.517%
29	11.928	1670	1673	1683	rVB2	211848	315784	5.14%	0.445%
30	12.028	1687	1690	1696	rVV	345635	329809	5.37%	0.465%
31	12.422	1754	1757	1761	rBV	247848	239384	3.90%	0.338%
32	12.457	1761	1763	1767	rVB	384513	284479	4.63%	0.401%
33	12.533	1773	1776	1779	rVB	1970806	1723179	28.05%	2.430%
34	12.569	1779	1782	1785	rBV5	157446	173214	2.82%	0.244%

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35	12.769	1810	1816	1818	rBV	2445680	2371712	38.60%	3.345%
36	12.798	1818	1821	1823	rVB2	325092	286179	4.66%	0.404%
37	12.916	1837	1841	1844	rBV	6507163	5884322	95.77%	8.299%
38	13.022	1857	1859	1862	rVB2	273828	254653	4.14%	0.359%
39	13.163	1880	1883	1886	rBV2	260334	276728	4.50%	0.390%
40	13.204	1887	1890	1893	rBV2	317596	339041	5.52%	0.478%
41	13.233	1893	1895	1899	rVB2	208096	231505	3.77%	0.327%
42	13.298	1904	1906	1909	rVV2	222771	190894	3.11%	0.269%
43	13.333	1909	1912	1914	rVV2	192356	188336	3.07%	0.266%
44	13.504	1939	1941	1944	rBV2	192698	178749	2.91%	0.252%
45	13.616	1957	1960	1964	rVB	266606	275715	4.49%	0.389%
46	13.698	1972	1974	1976	rBV	302699	245397	3.99%	0.346%
47	13.757	1982	1984	1986	rBV2	202247	177136	2.88%	0.250%
48	13.792	1988	1990	1993	rVV	695436	582707	9.48%	0.822%
49	13.839	1994	1998	2002	rVB3	715882	890932	14.50%	1.257%
50	13.980	2017	2022	2025	rBV2	2630039	3641365	59.27%	5.136%
51	14.010	2025	2027	2033	rVB	1007758	924877	15.05%	1.304%
52	14.469	2103	2105	2108	rBV3	247743	183925	2.99%	0.259%
53	15.033	2197	2201	2204	rBV	1441949	2030224	33.04%	2.863%
54	15.121	2213	2216	2218	rBV2	303550	331194	5.39%	0.467%
55	15.339	2249	2253	2259	rVB	778142	989429	16.10%	1.395%
56	15.398	2259	2263	2269	rVB	802837	1024528	16.67%	1.445%
57	15.463	2270	2274	2277	rBV	1716917	2035027	33.12%	2.870%
58	15.945	2353	2356	2361	rBV	314936	464592	7.56%	0.655%

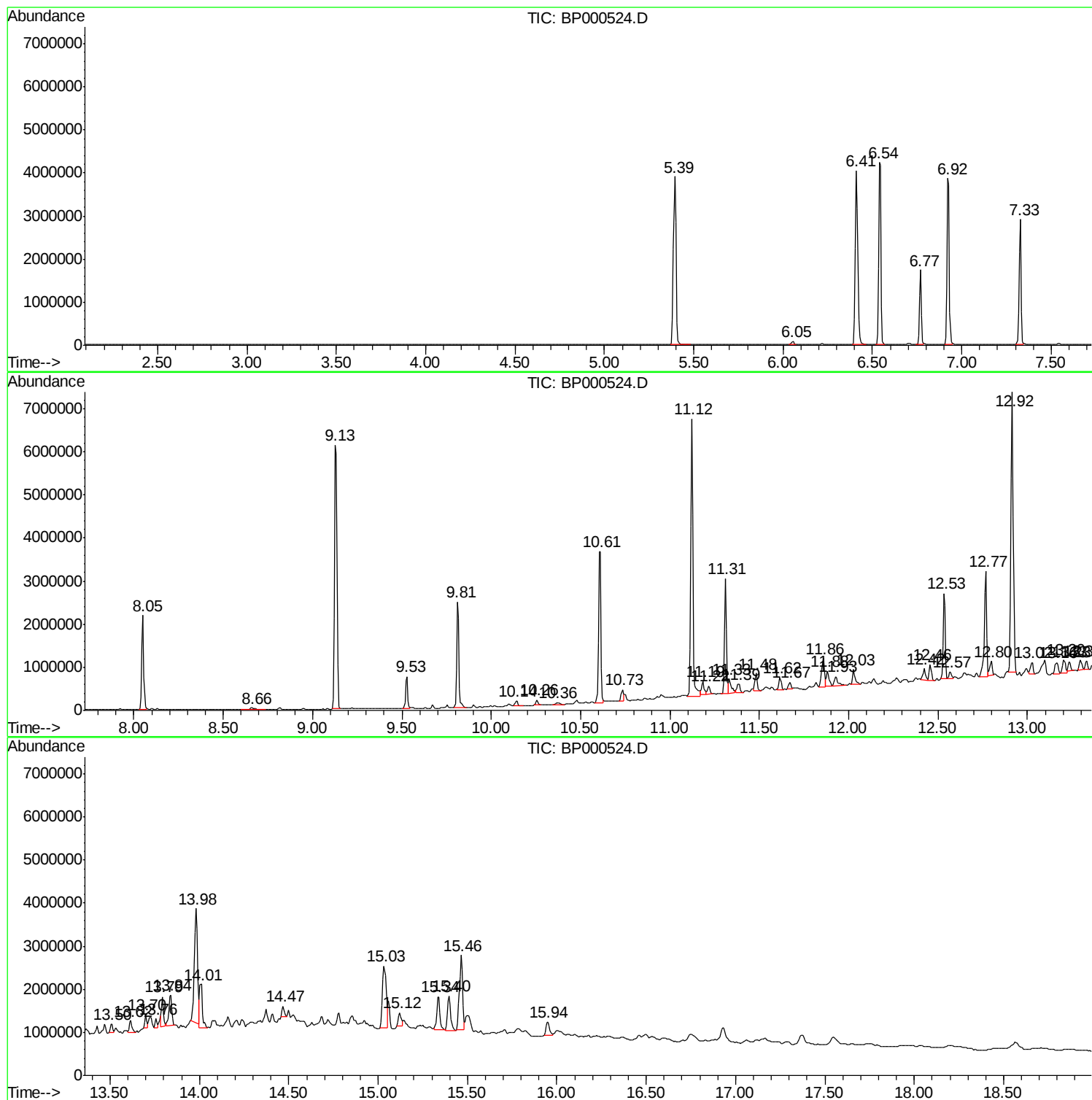
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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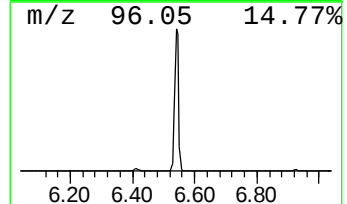
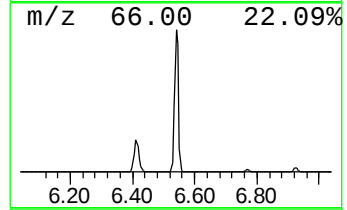
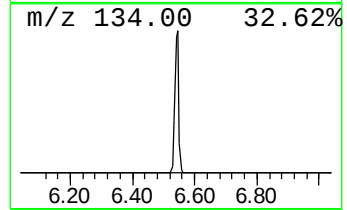
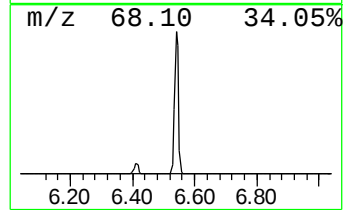
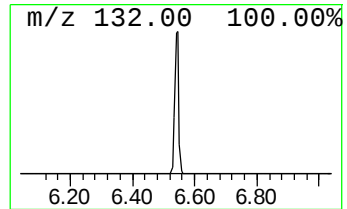
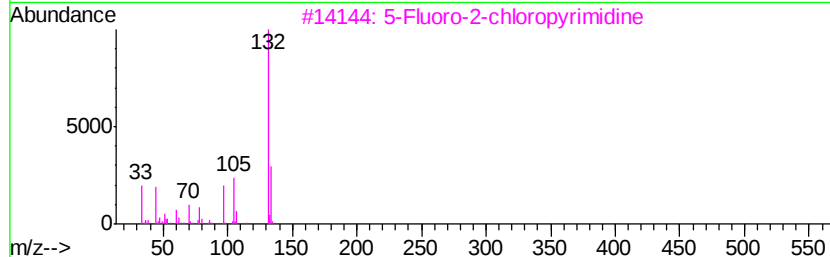
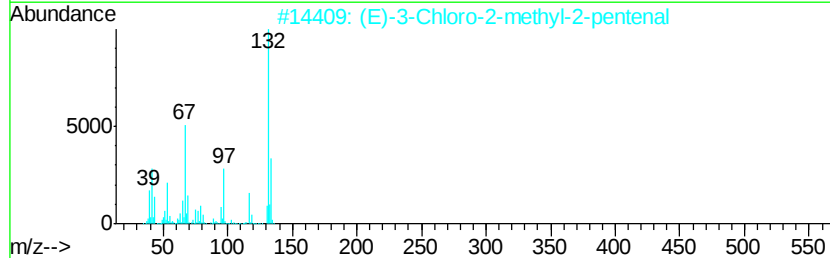
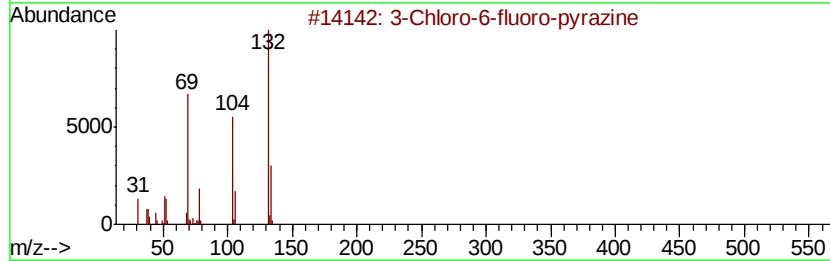
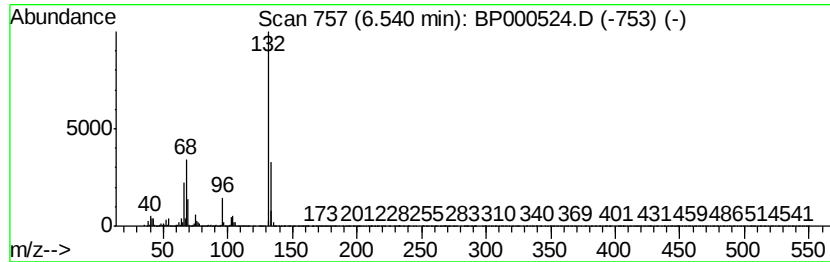
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	58.97 ng	4002660	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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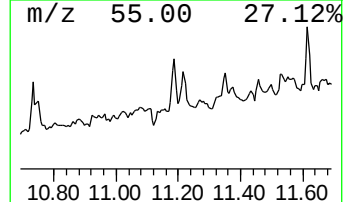
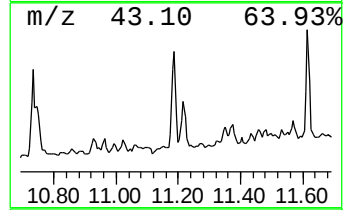
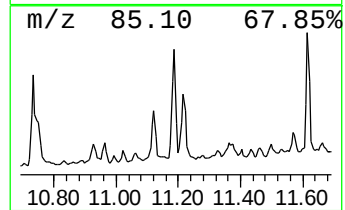
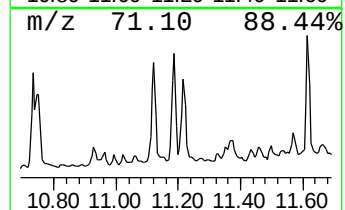
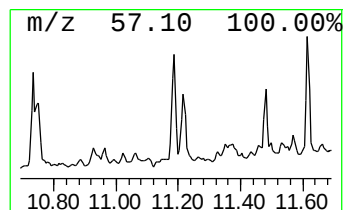
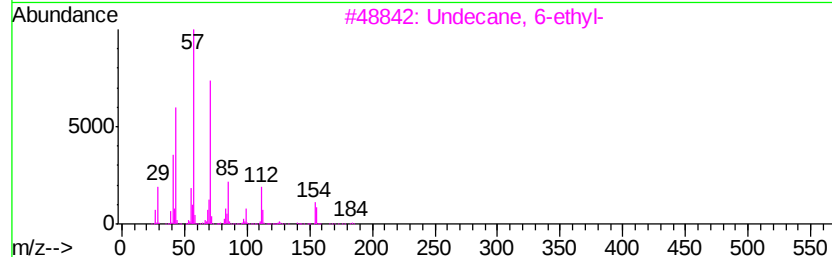
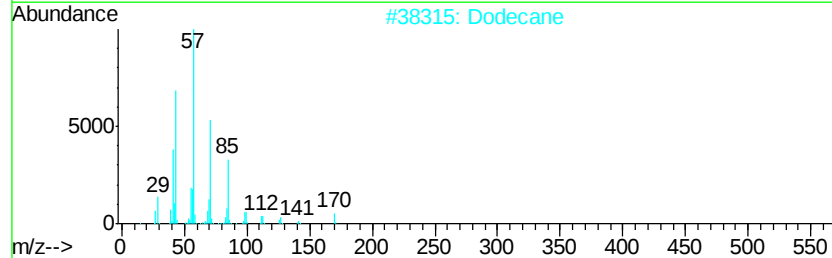
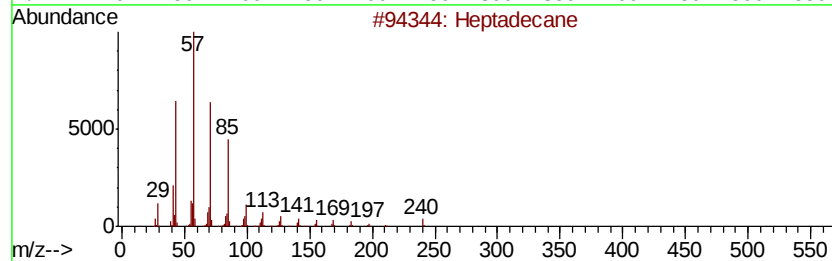
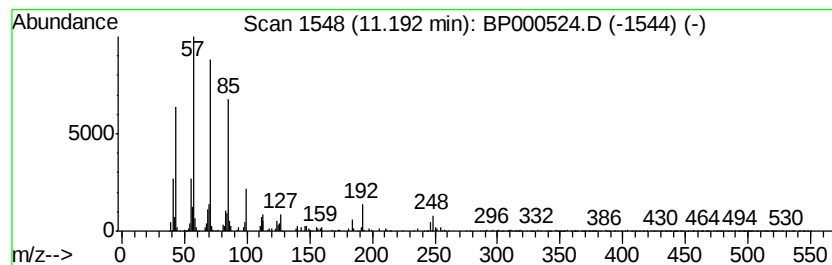
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.64 ng	297249	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	86
2	Dodecane		170	C12H26	000112-40-3	86
3	Undecane, 6-ethyl-		184	C13H28	017312-60-6	74
4	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	64
5	Tridecane		184	C13H28	000629-50-5	62



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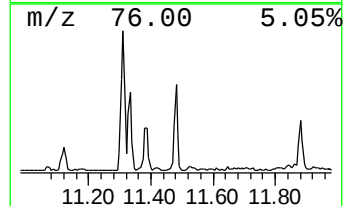
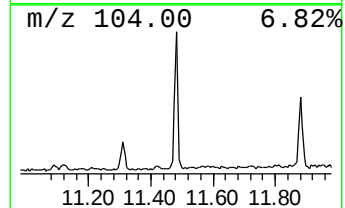
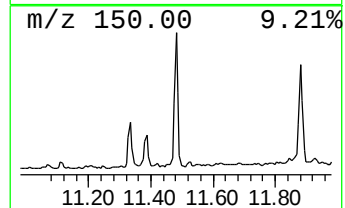
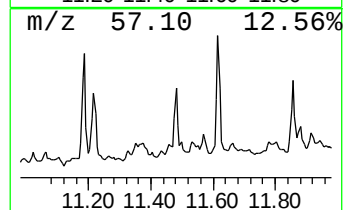
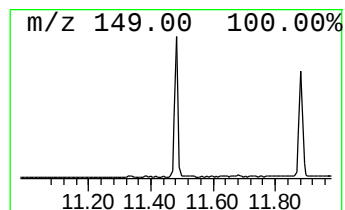
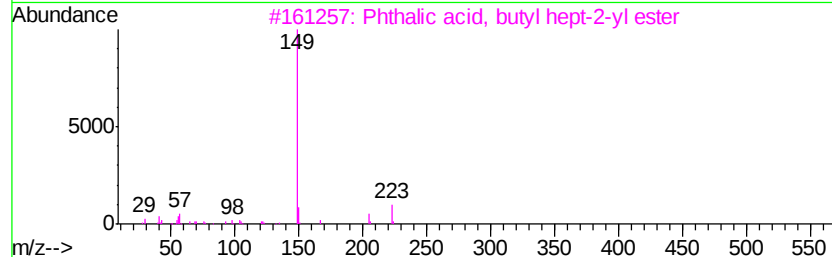
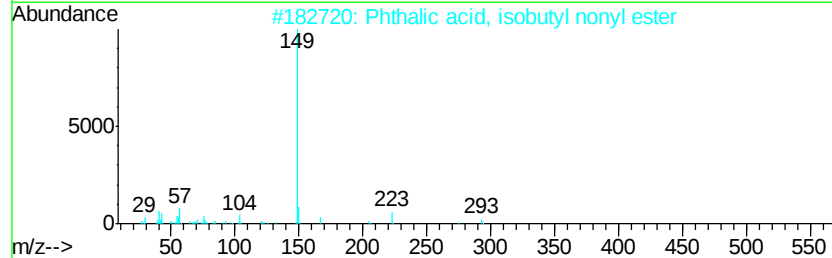
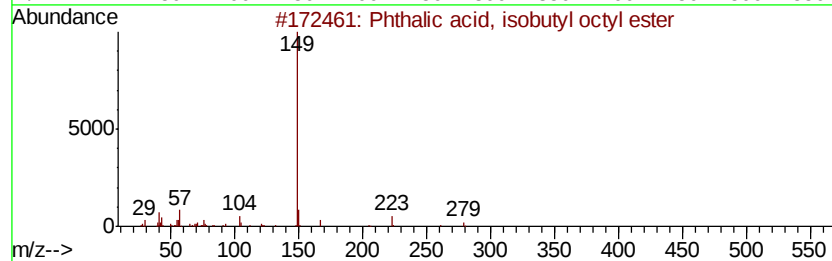
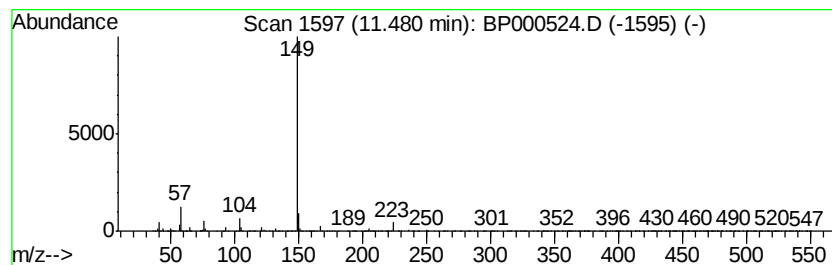
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Peak Number 4 Phthalic acid, isobutyl oct... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.74 ng	309364	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, isobutyl octyl ester	334	C20H30O4	1000309-04-5	86
2		Phthalic acid, isobutyl nonyl ester	348	C21H32O4	1000309-04-4	78
3		Phthalic acid, butyl hept-2-yl e...	320	C19H28O4	1000356-97-1	78
4		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
5		Phthalic acid, isobutyl pent-4-e...	290	C17H22O4	1000360-46-0	78



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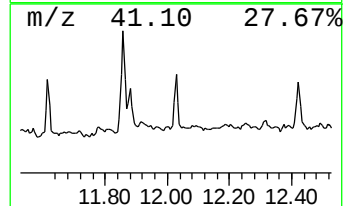
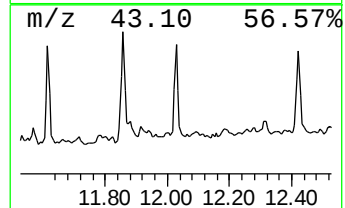
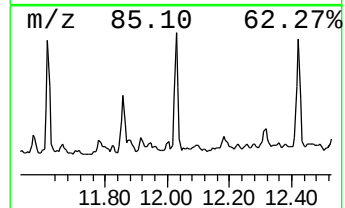
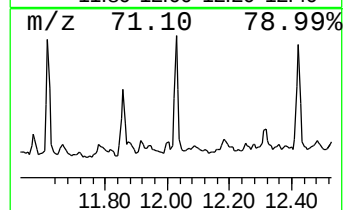
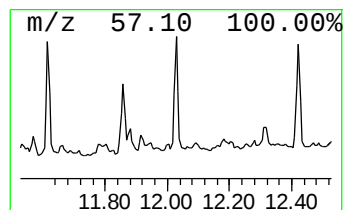
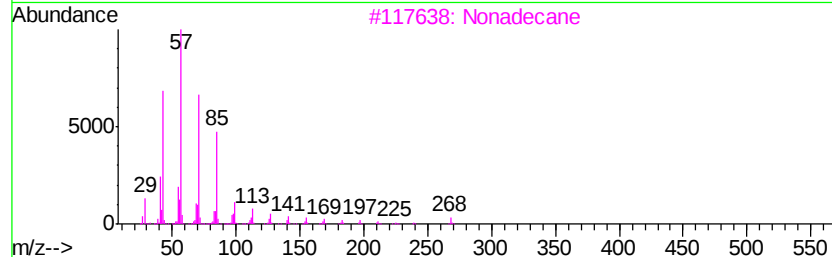
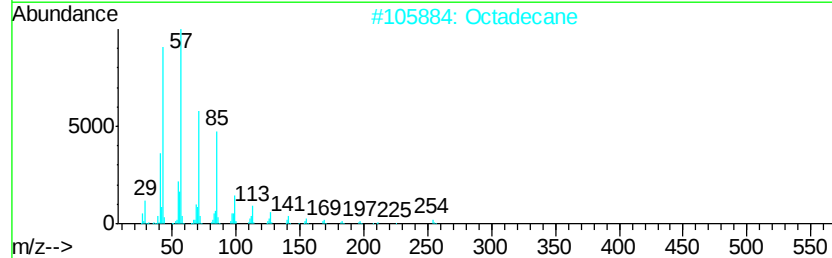
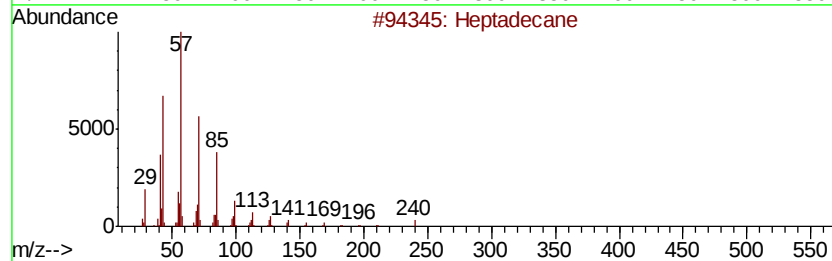
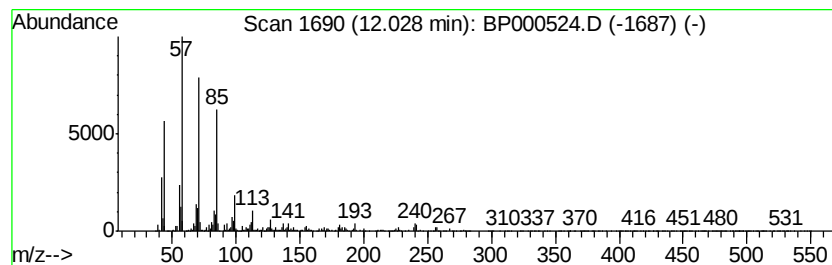
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.92 ng	329809	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Octadecane	254	C18H38	000593-45-3	83
3		Nonadecane	268	C19H40	000629-92-5	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	80



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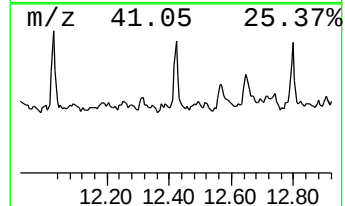
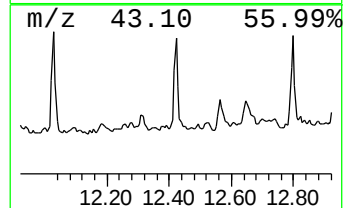
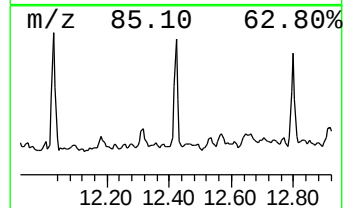
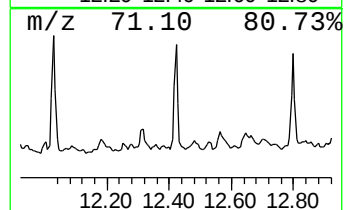
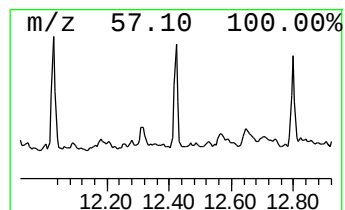
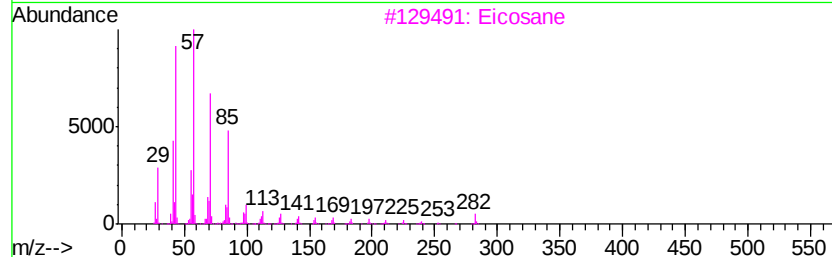
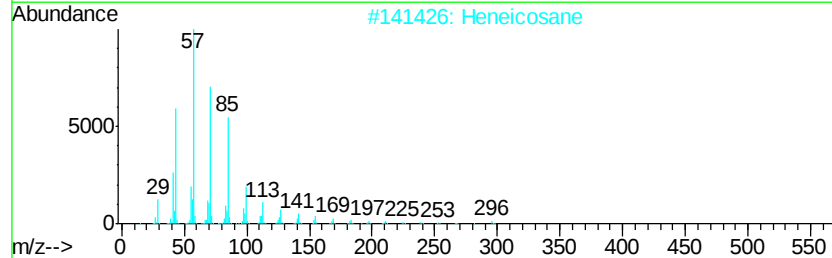
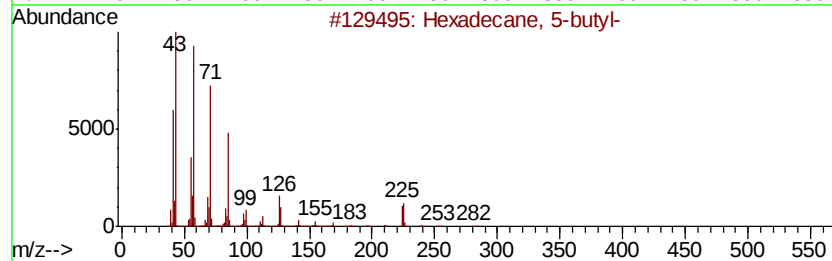
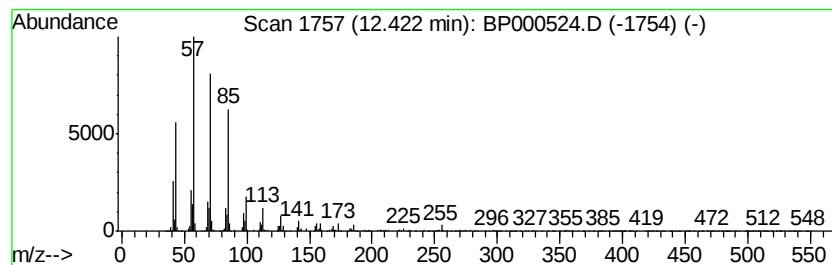
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 5-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.12 ng	239384	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000524.D
Acq On : 04 Oct 2019 22:01
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF

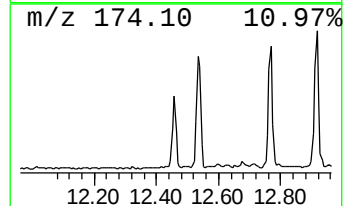
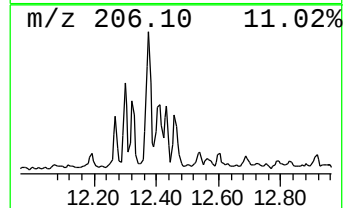
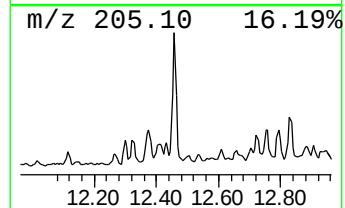
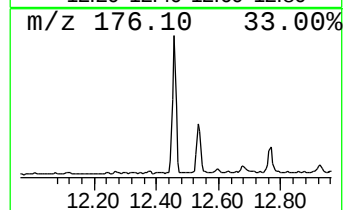
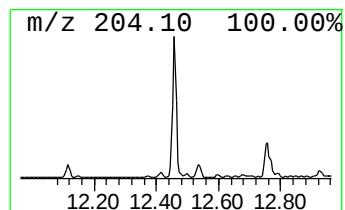
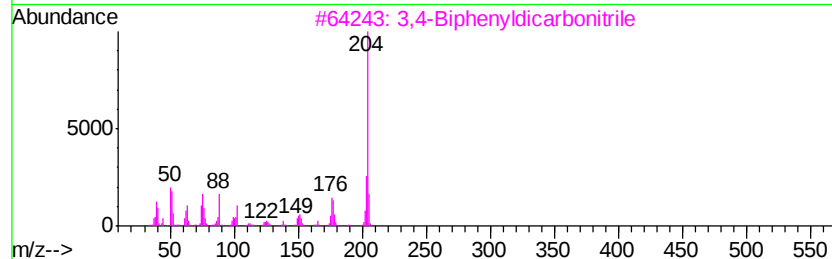
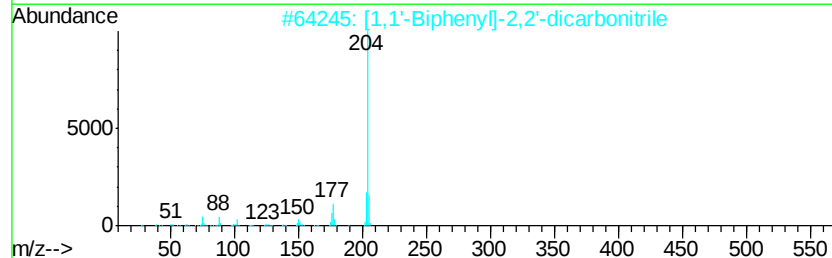
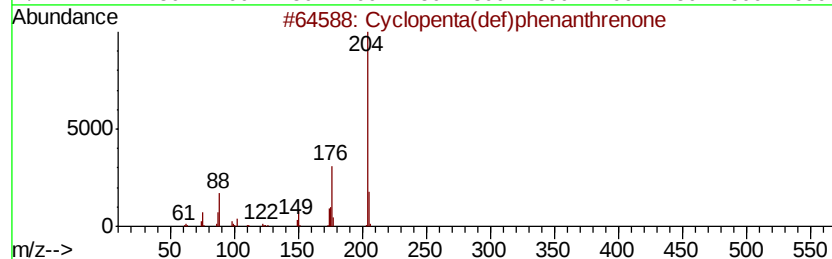
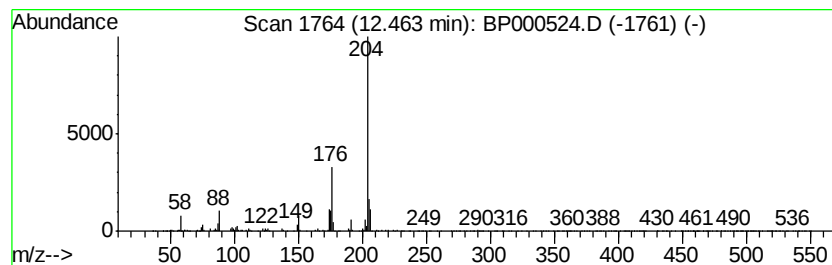
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.52 ng	284479	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000524.D
Acq On : 04 Oct 2019 22:01
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

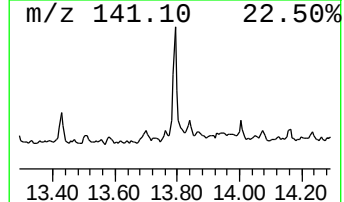
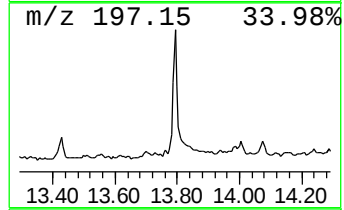
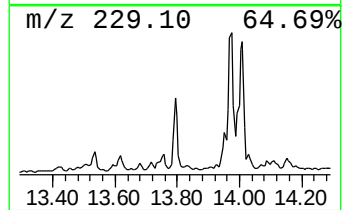
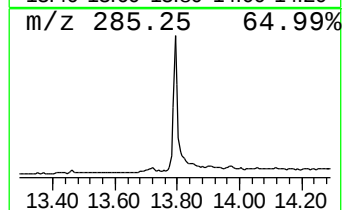
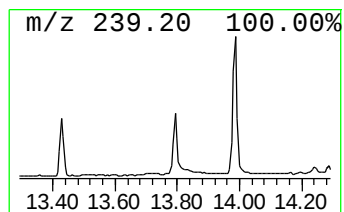
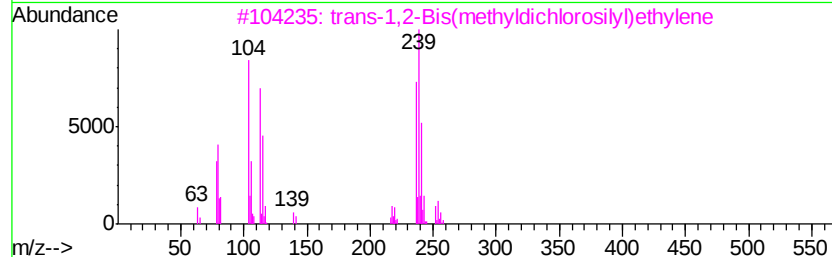
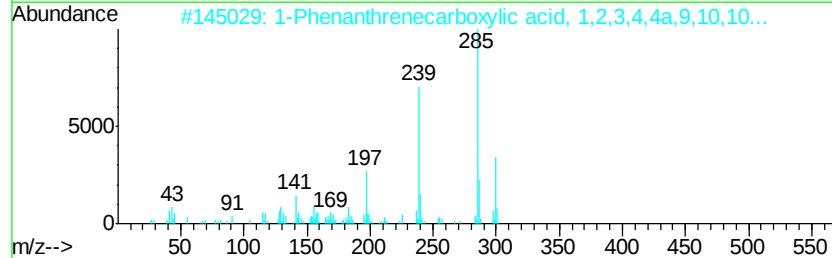
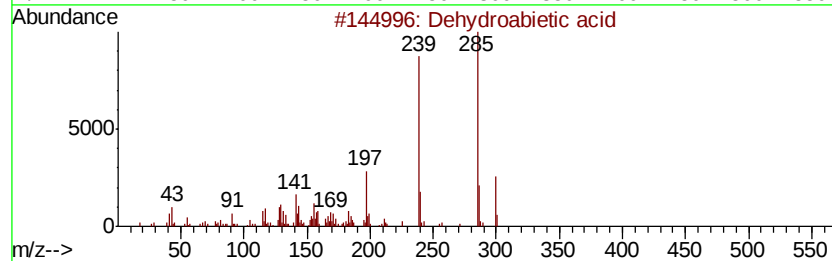
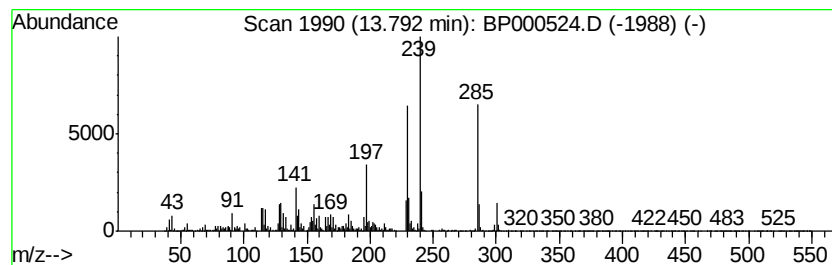
Instrument :
BNA_P
ClientSampleId :
ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dehydroabiatic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.79	3.20 ng	582707	Chrysene-d12	13.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dehydroabiatic acid	300	C20H28O2	001740-19-8	95
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
3		trans-1,2-Bis(methyldichlorosilyl...	252	C4H8Cl4Si2	065899-10-7	74
4		3-Quinolinecarboxylic acid, 4-hv...	285	C13H10F3N03	023851-84-5	38
5		Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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Acq On : 04 Oct 2019 22:01
Operator : JU
Sample : K5158-01
Misc :
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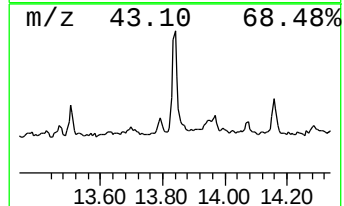
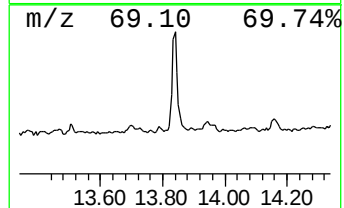
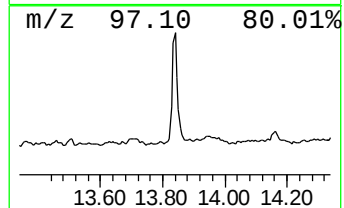
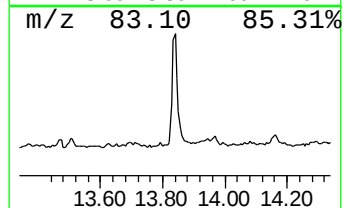
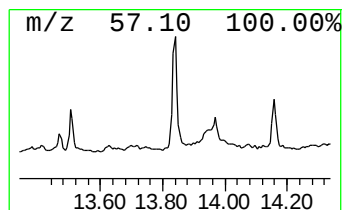
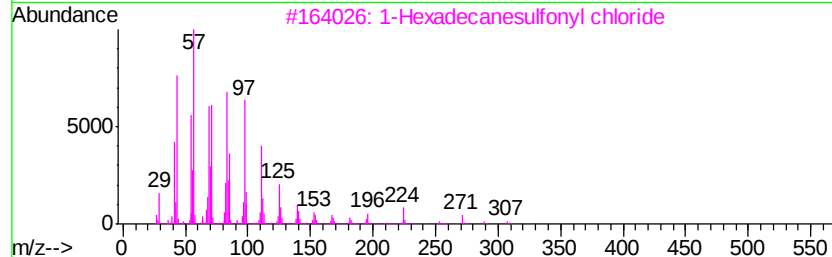
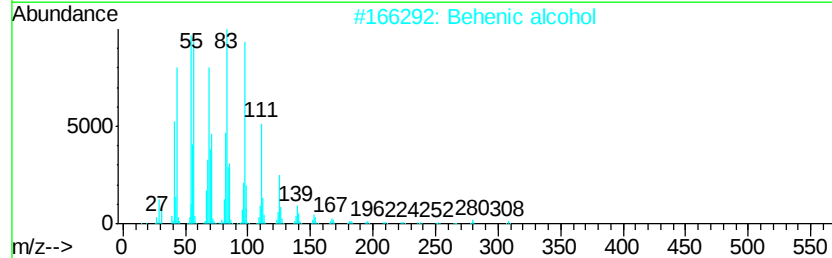
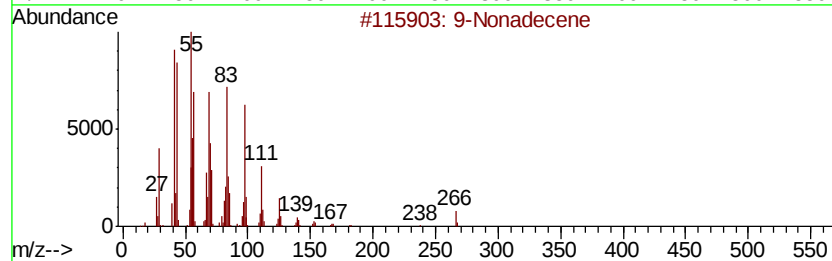
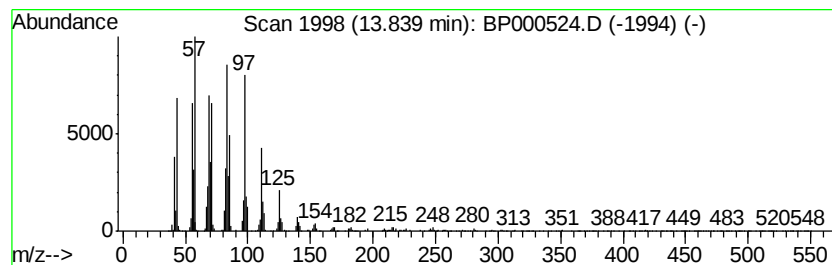
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.89 ng	890932	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Nonadecene	266 C19H38	031035-07-1	93
2	Behenic alcohol	326 C22H46O	000661-19-8	93
3	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	91
4	Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8	91
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000524.D
Acq On : 04 Oct 2019 22:01
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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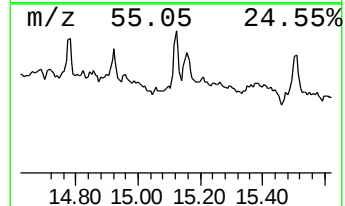
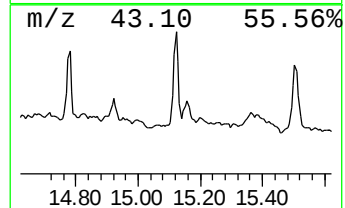
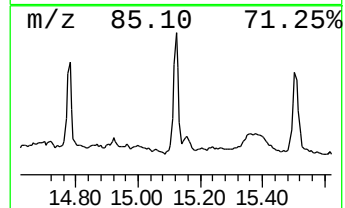
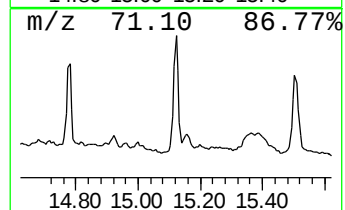
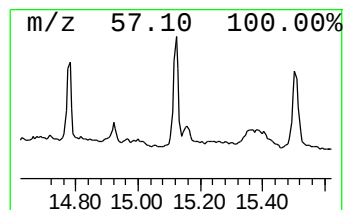
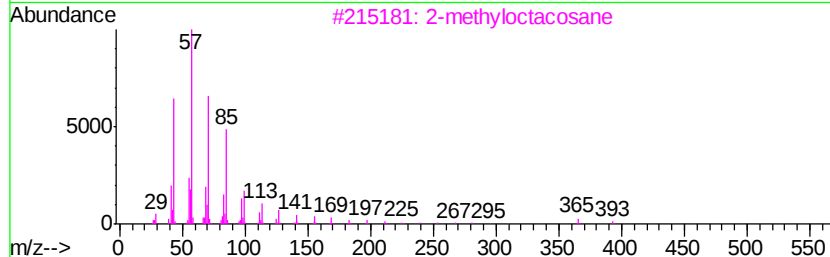
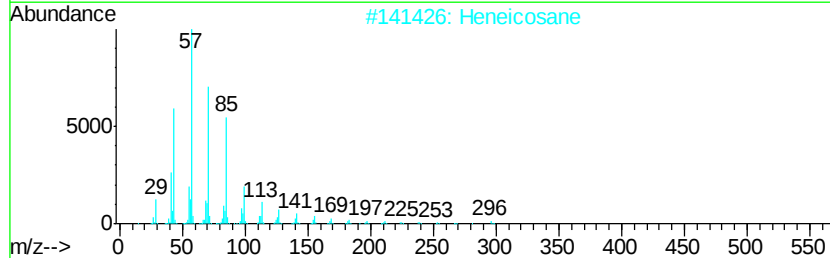
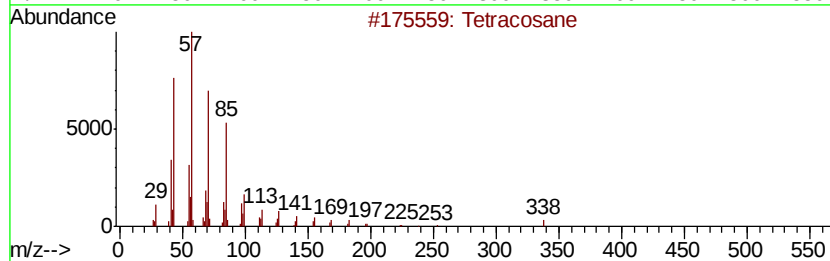
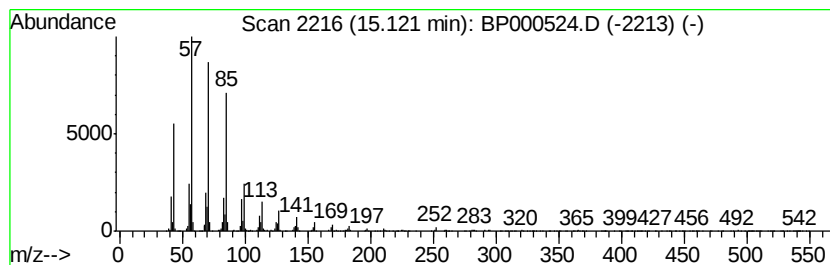
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.25 ng	331194	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5			Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000524.D
Acq On : 04 Oct 2019 22:01
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF

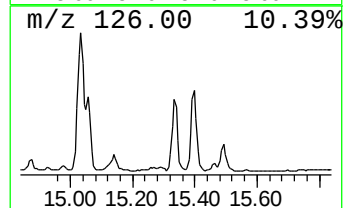
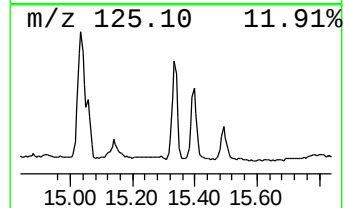
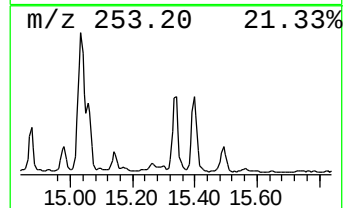
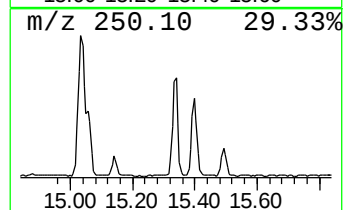
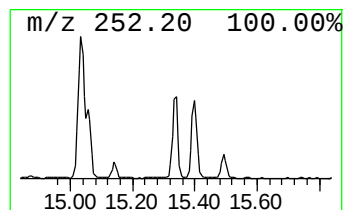
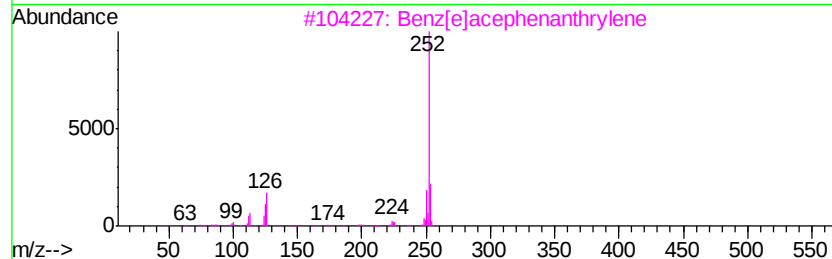
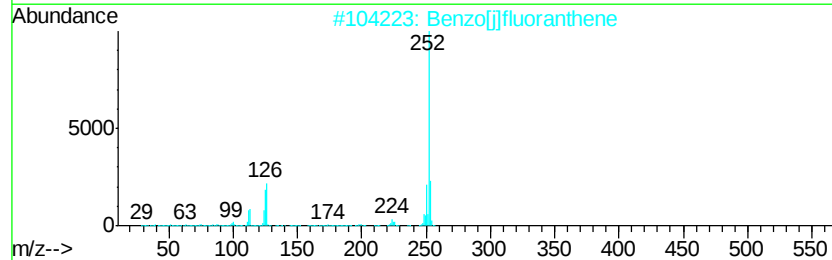
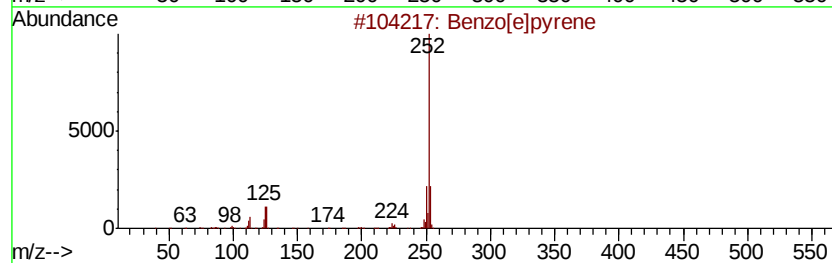
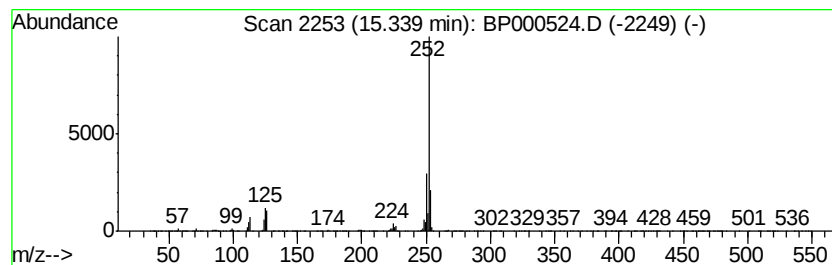
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	9.72 ng	989429	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[al]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000524.D
 Acq On : 04 Oct 2019 22:01
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Instrument :
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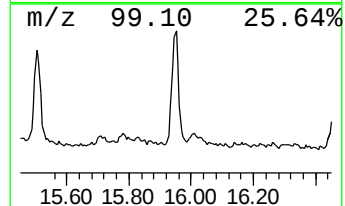
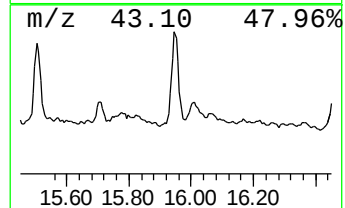
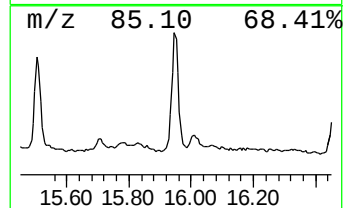
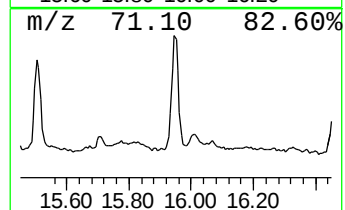
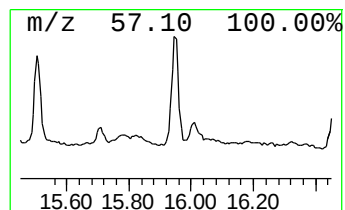
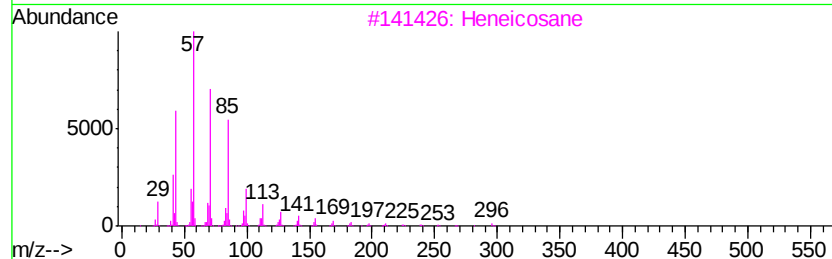
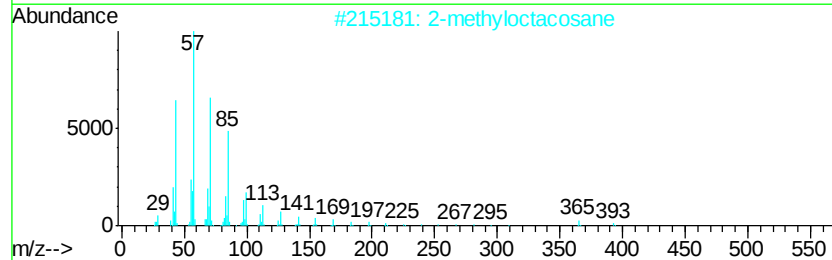
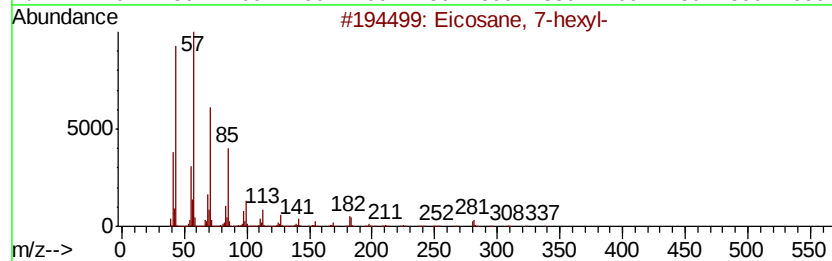
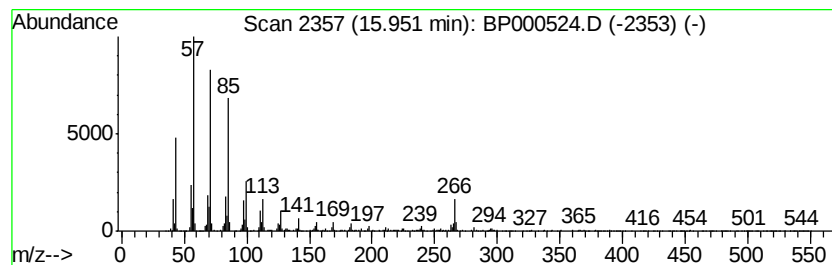
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Eicosane, 7-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.57 ng	464592	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100419\
Data File : BP000524.D
Acq On : 04 Oct 2019 22:01
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.54	6.54	59.0	ng	4002660	1	6.77	1357430	20.0
Heptadecane	11.19	2.6	ng	297249	4	11.31	2255220	20.0
Phthalic acid, is...	11.48	2.7	ng	309364	4	11.31	2255220	20.0
Octadecane	12.03	2.9	ng	329809	4	11.31	2255220	20.0
Hexadecane, 5-butyl-	12.42	2.1	ng	239384	4	11.31	2255220	20.0
Cyclopenta(def)ph...	12.46	2.5	ng	284479	4	11.31	2255220	20.0
Dehydroabietic acid	13.79	3.2	ng	582707	5	13.98	3641370	20.0
9-Nonadecene	13.84	4.9	ng	890932	5	13.98	3641370	20.0
Tetracosane	15.12	3.3	ng	331194	6	15.46	2035030	20.0
Benzo[e]pyrene	15.34	9.7	ng	989429	6	15.46	2035030	20.0
Eicosane, 7-hexyl-	15.95	4.6	ng	464592	6	15.46	2035030	20.0