

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000640.D
 Acq On : 11 Oct 2019 18:46
 Operator : JU
 Sample : K5266-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C

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	4.323	375	380	387	rBV	201096	252310	2.89%	0.403%
2	4.981	482	492	495	rBV	4125552	8680693	99.58%	13.874%
3	5.370	555	558	570	rVB	1841816	1763494	20.23%	2.819%
4	6.264	706	710	714	rBV2	74879	109236	1.25%	0.175%
5	6.387	727	731	738	rBV	2521507	2430448	27.88%	3.884%
6	6.517	750	753	757	rBV	2523718	2028570	23.27%	3.242%
7	6.746	789	792	800	rBV	1880589	1509813	17.32%	2.413%
8	6.905	815	819	822	rBV	6320227	5575720	63.96%	8.911%
9	7.311	879	888	891	rBV	4394071	4193765	48.11%	6.703%
10	8.034	1007	1011	1013	rBV	2095946	1885420	21.63%	3.013%
11	8.169	1030	1034	1043	rBV	62957	94140	1.08%	0.150%
12	9.116	1190	1195	1198	rBV	9127979	7954370	91.25%	12.713%
13	9.216	1204	1212	1218	rBV5	57241	105623	1.21%	0.169%
14	9.511	1259	1262	1265	rBV	1476419	1072090	12.30%	1.713%
15	9.793	1305	1310	1314	rBV	2606335	2433165	27.91%	3.889%
16	9.828	1314	1316	1320	rVB	228021	168127	1.93%	0.269%
17	9.999	1342	1345	1348	rVB	122780	96479	1.11%	0.154%
18	10.346	1401	1404	1410	rVB	149418	129157	1.48%	0.206%
19	10.587	1441	1445	1451	rBV	1778550	1463721	16.79%	2.339%
20	10.716	1464	1467	1475	rVB5	55152	103885	1.19%	0.166%
21	11.152	1538	1541	1546	rBV2	288924	314733	3.61%	0.503%
22	11.293	1561	1565	1567	rBV	3197949	2598645	29.81%	4.153%
23	11.316	1567	1569	1572	rVV	370977	288838	3.31%	0.462%
24	11.363	1574	1577	1580	rVB	137734	136690	1.57%	0.218%
25	12.516	1770	1773	1777	rBV	451824	379365	4.35%	0.606%
26	12.746	1807	1812	1815	rBV	378372	402791	4.62%	0.644%
27	12.904	1834	1839	1842	rBV	9087552	8717445	100.00%	13.933%
28	13.816	1991	1994	2002	rBV3	529863	773234	8.87%	1.236%
29	13.916	2008	2011	2013	rBV	111577	93738	1.08%	0.150%
30	13.963	2014	2019	2022	rVV	2790369	2786362	31.96%	4.453%
31	13.987	2022	2023	2026	rVB	198218	152848	1.75%	0.244%
32	14.457	2100	2103	2105	rBV2	119006	116337	1.33%	0.186%
33	14.763	2152	2155	2163	rVB3	138255	177311	2.03%	0.283%
34	15.010	2194	2197	2200	rBV	178281	239008	2.74%	0.382%

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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 >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.104	2210	2213	2220	rVB2	161409	204137	2.34%	0.326%
36	15.310	2245	2248	2254	rVB	125724	160969	1.85%	0.257%
37	15.375	2255	2259	2265	rBV	161358	239167	2.74%	0.382%
38	15.440	2265	2270	2274	rBV	2019621	2386166	27.37%	3.814%
39	15.928	2349	2353	2357	rBV	99945	145680	1.67%	0.233%
40	16.898	2514	2518	2525	rVB2	53948	94136	1.08%	0.150%
41	17.334	2588	2592	2602	rVB	56000	110679	1.27%	0.177%

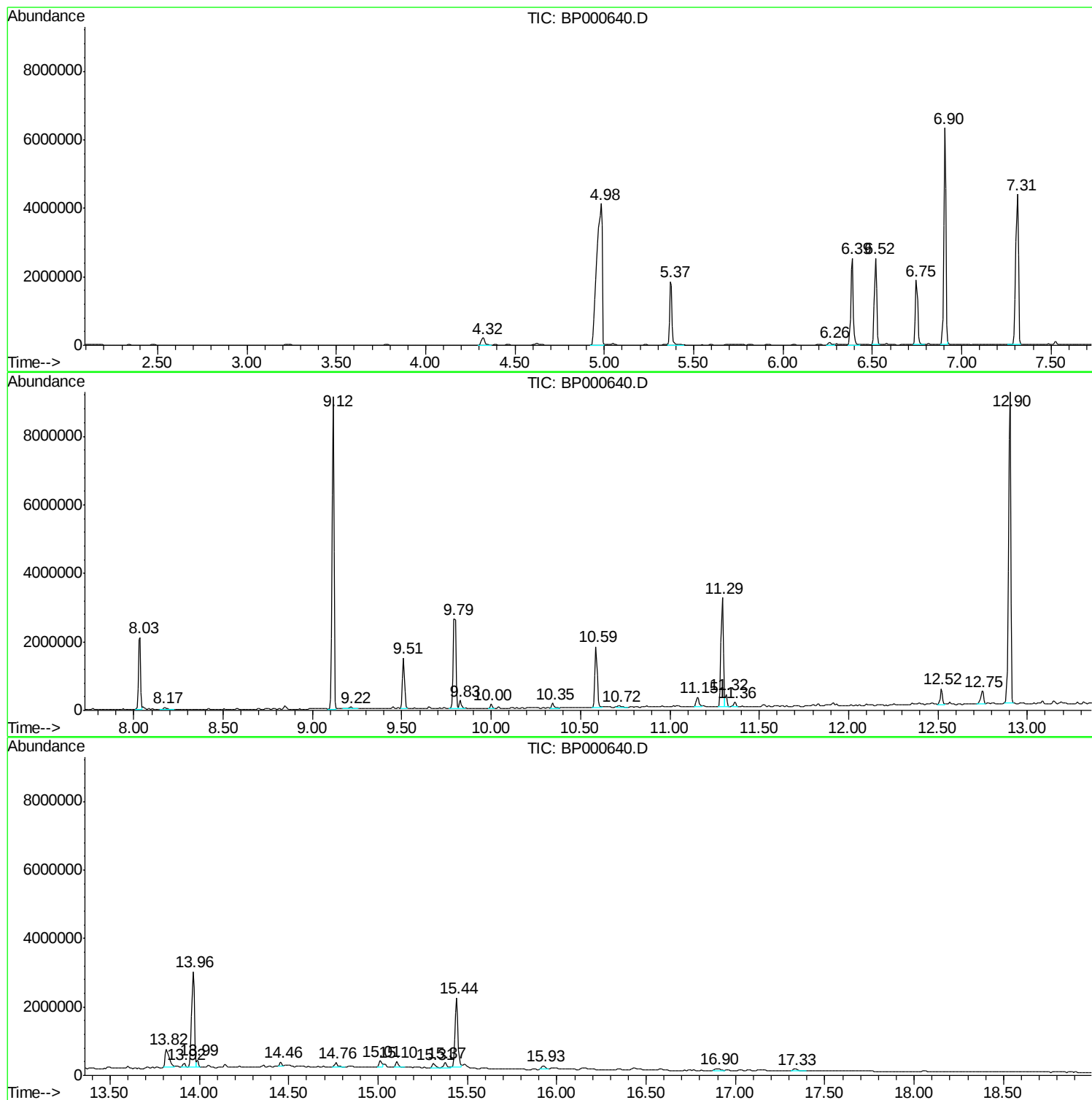
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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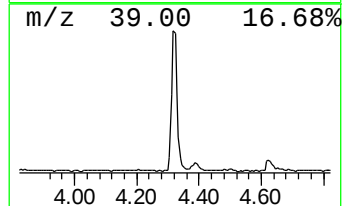
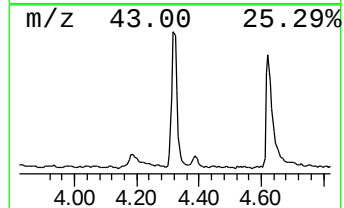
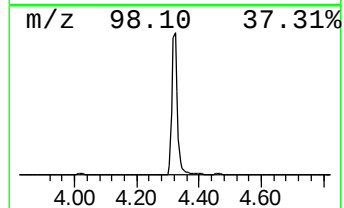
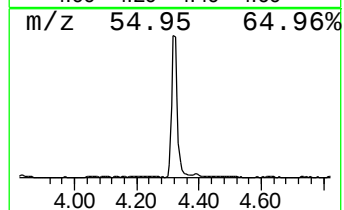
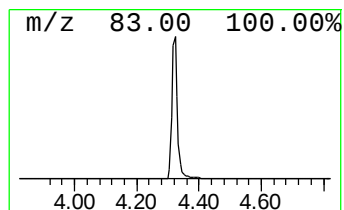
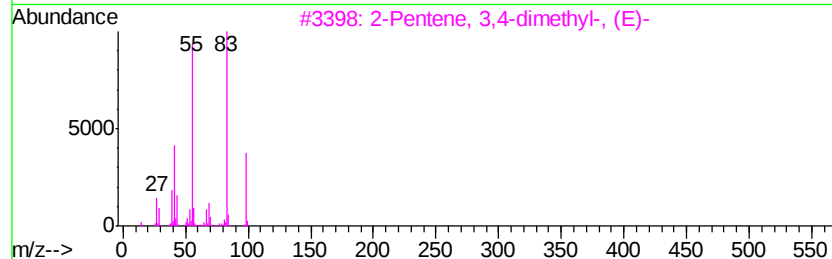
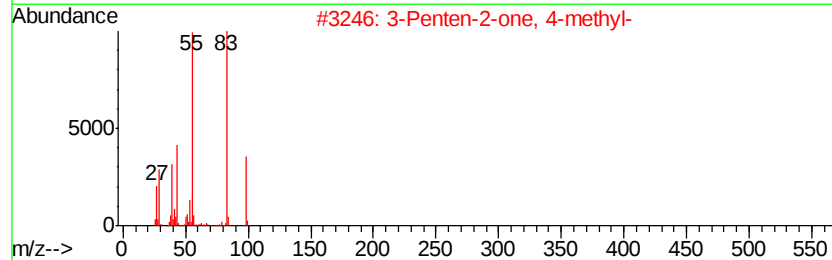
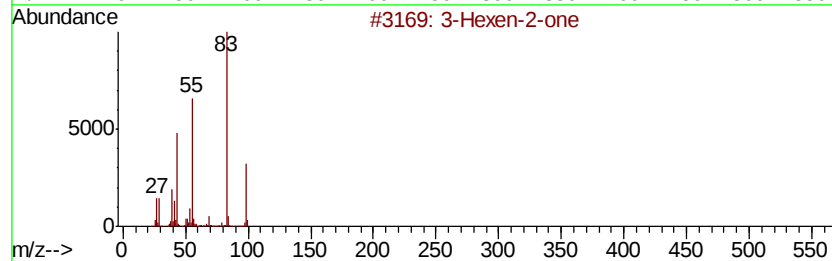
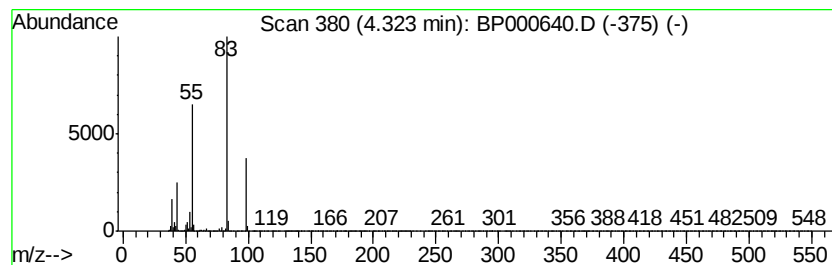
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 3-Hexen-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	3.34 ng	252310	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	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	83



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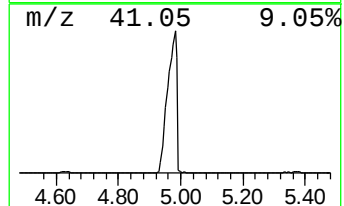
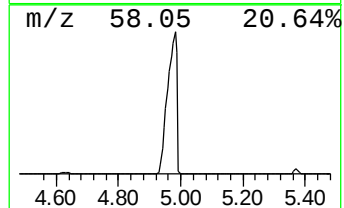
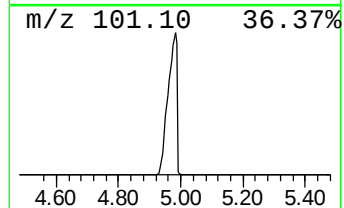
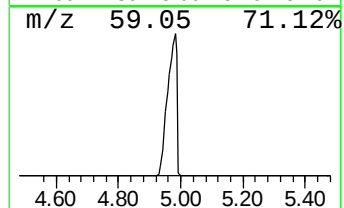
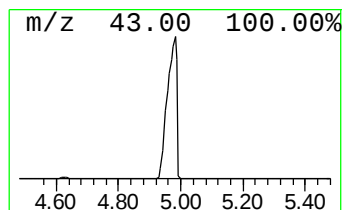
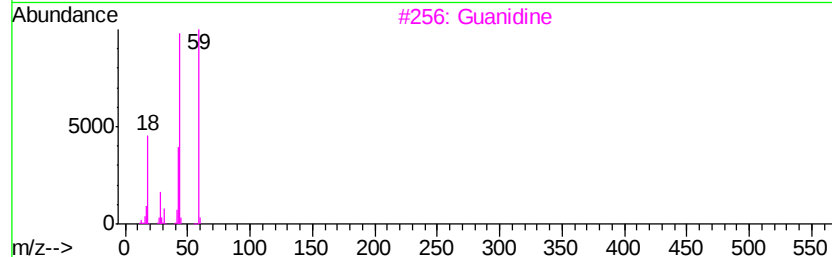
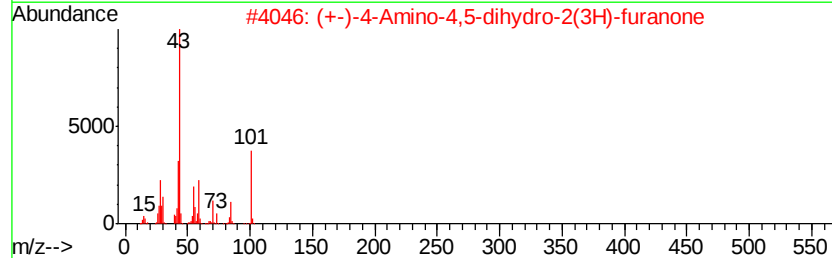
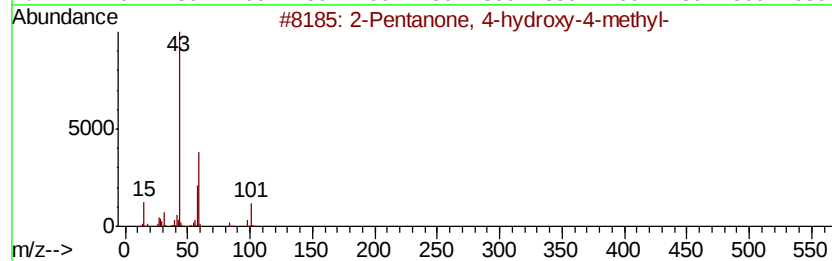
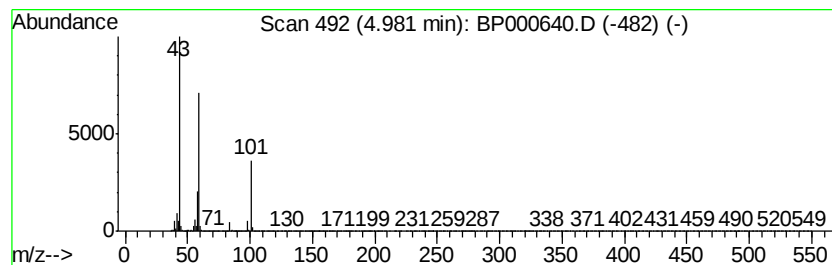
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Peak Number 2 unknown4.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	114.99 ng	8680690	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	45
2	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2		016504-58-8	43
3	Guanidine	59	CH5N3		000113-00-8	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2		001116-98-9	12
5	Acetone	58	C3H6O		000067-64-1	12



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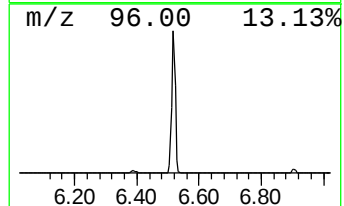
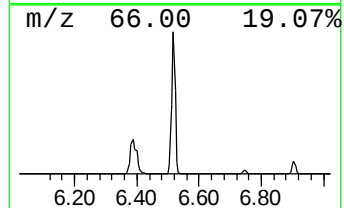
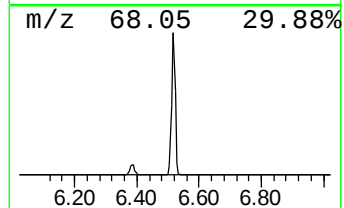
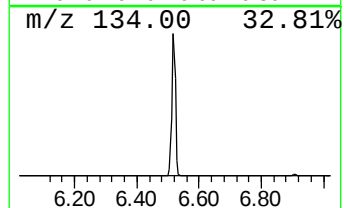
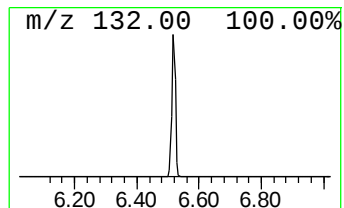
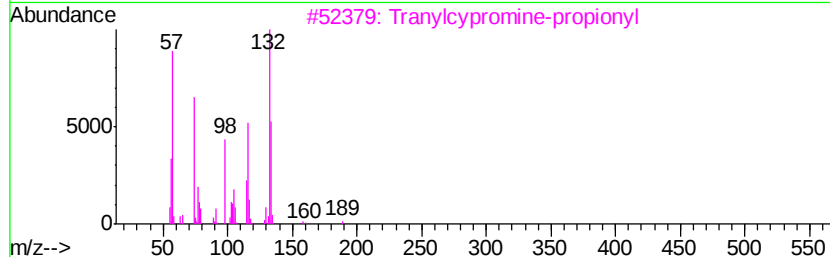
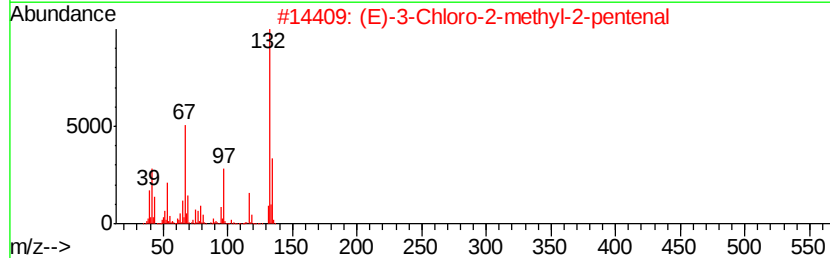
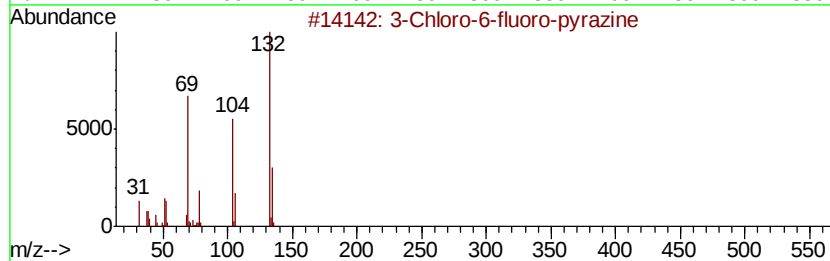
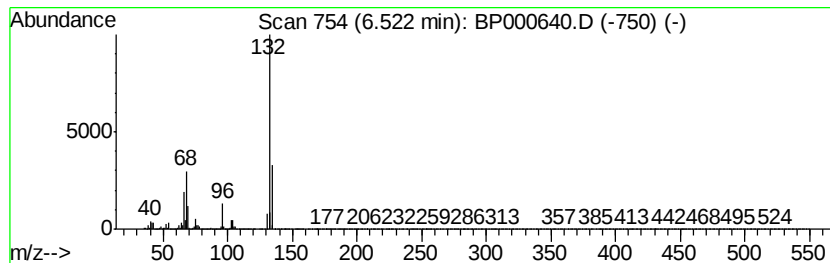
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	26.87 ng	2028570	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
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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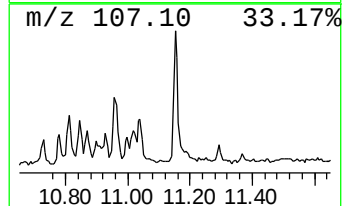
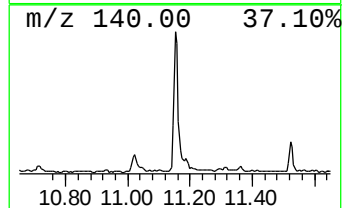
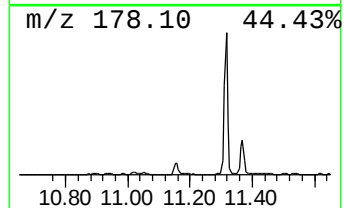
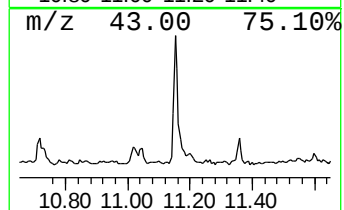
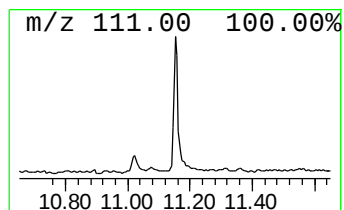
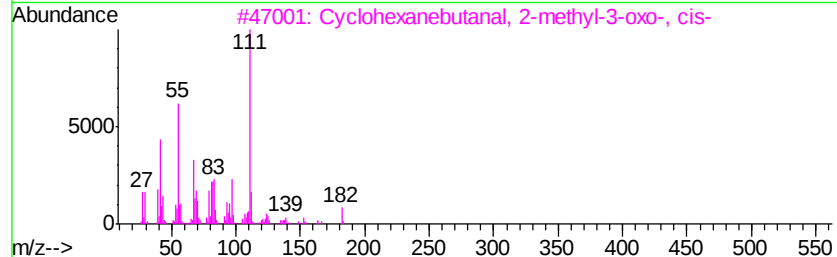
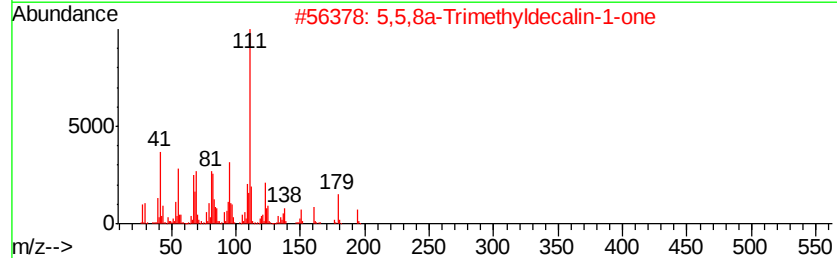
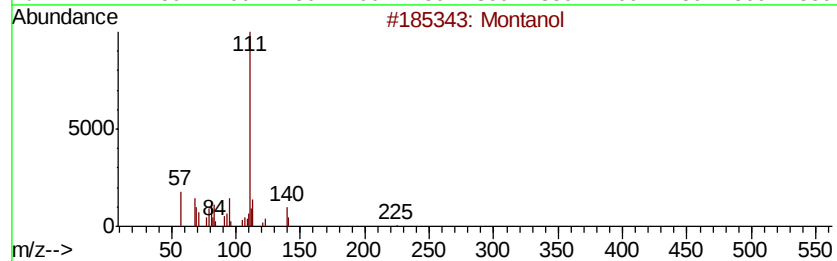
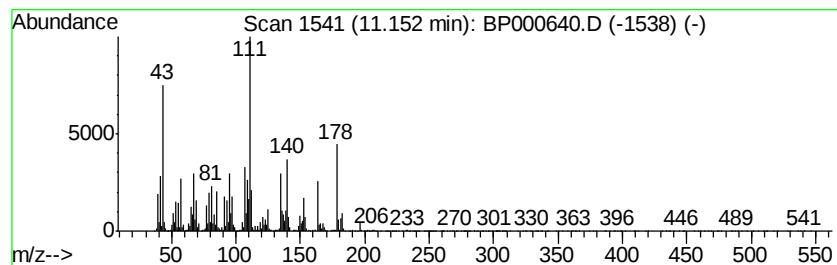
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.42 ng	314733	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Montanol	352	C21H36O4	1000145-58-3	27
2		5,5,8a-Trimethyldecalin-1-one	194	C13H22O	1000195-96-1	27
3		Cyclohexanebutanal, 2-methyl-3-oxo-	182	C11H18O2	092485-93-3	25
4		2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	25
5		Spiro[4.5]decan-6-one	152	C10H16O	013388-94-8	22



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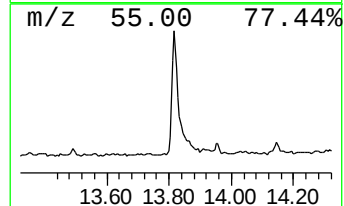
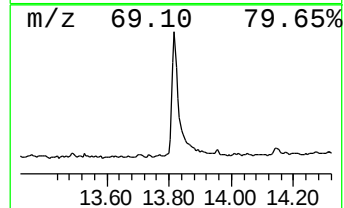
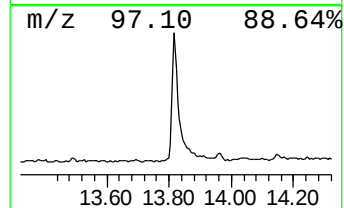
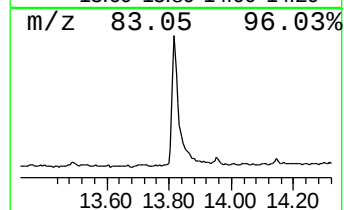
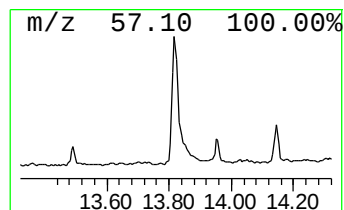
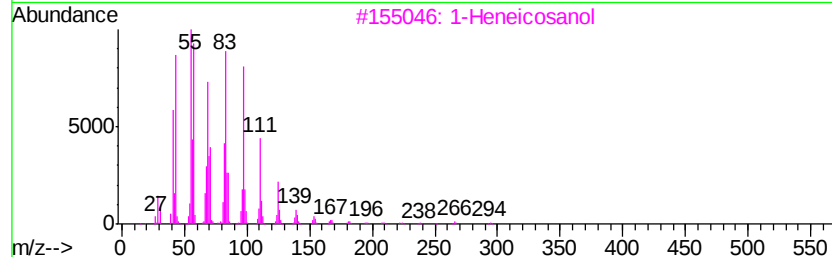
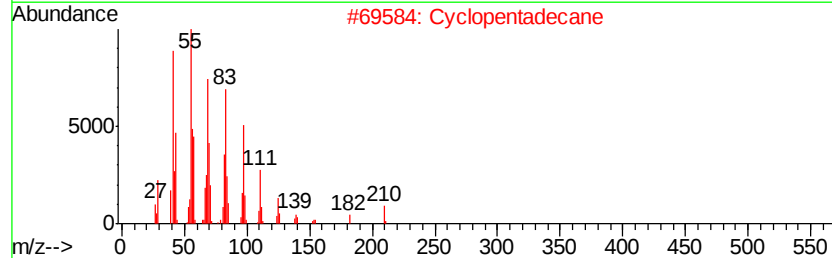
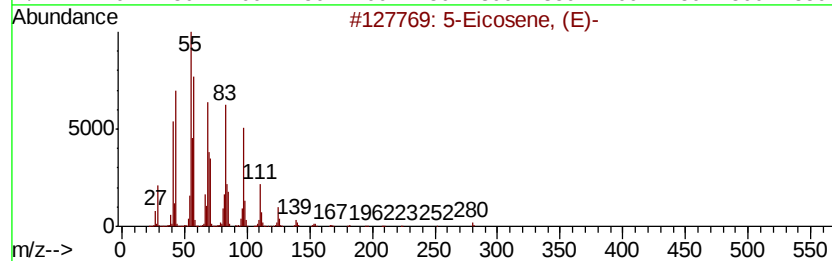
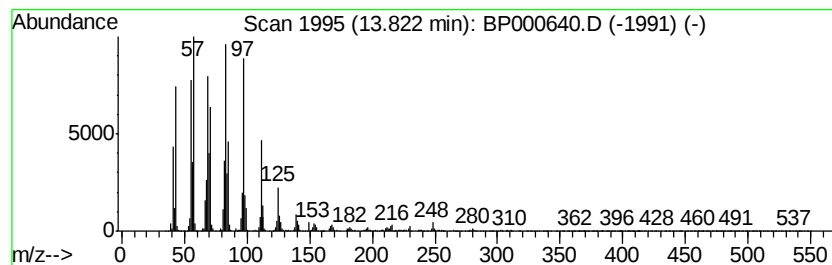
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.55 ng	773234	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	Cyclopentadecane		210	C15H30	000295-48-7	95
3	1-Heneicosanol		312	C21H44O	015594-90-8	95
4	1-Heptacosanol		396	C27H56O	002004-39-9	95
5	n-Tetracosanol-1		354	C24H50O	000506-51-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000640.D
Acq On : 11 Oct 2019 18:46
Operator : JU
Sample : K5266-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

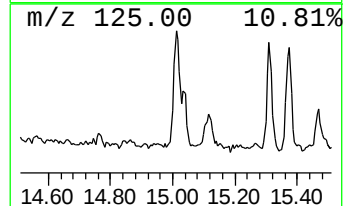
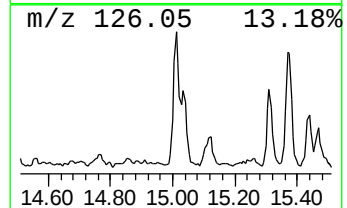
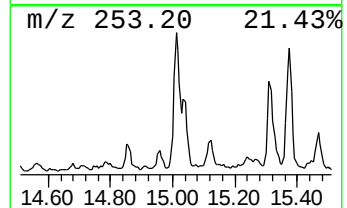
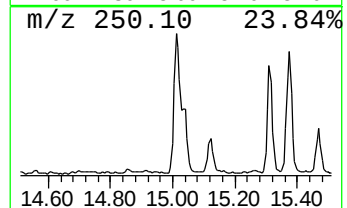
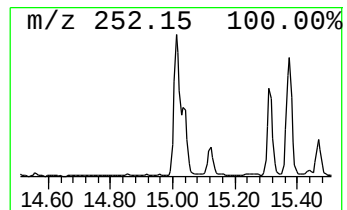
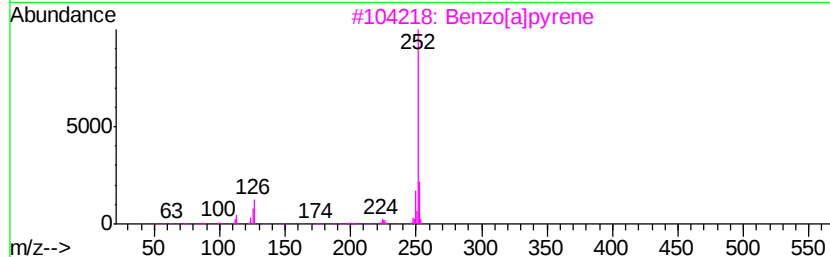
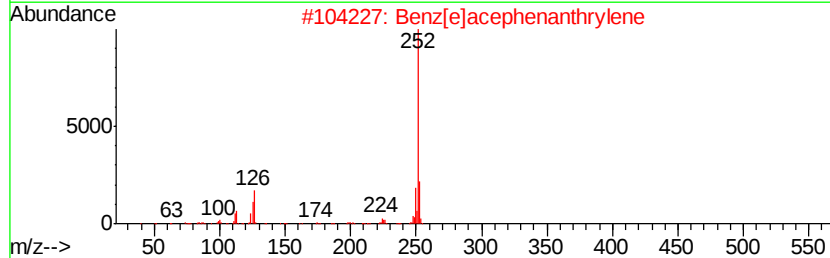
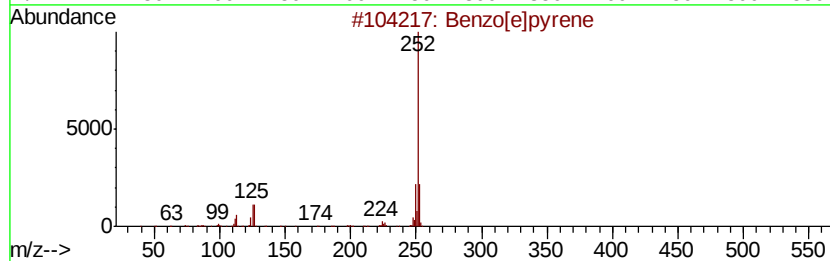
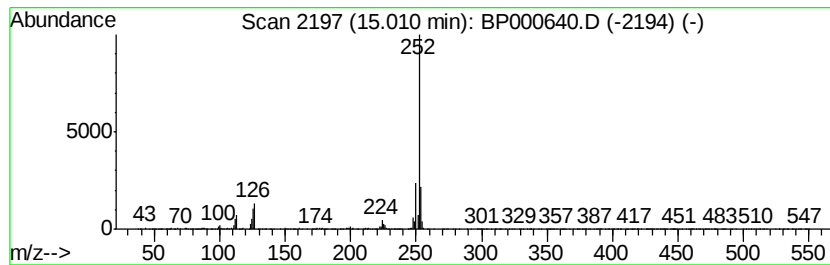
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.01	2.00 ng	239008	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	99
3			Benzo[a]pyrene	252	C20H12	000050-32-8	98
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
5			Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000640.D
Acq On : 11 Oct 2019 18:46
Operator : JU
Sample : K5266-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

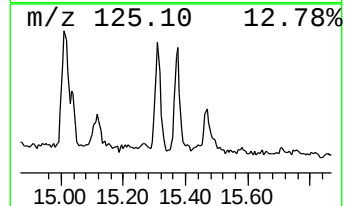
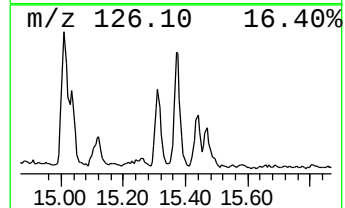
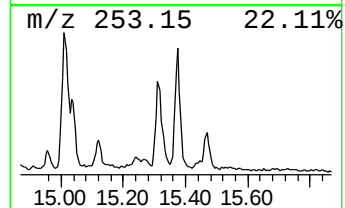
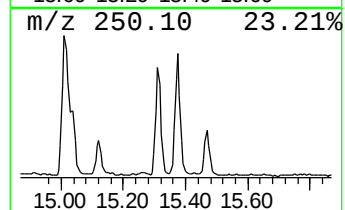
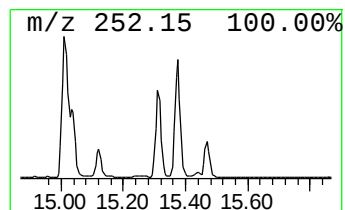
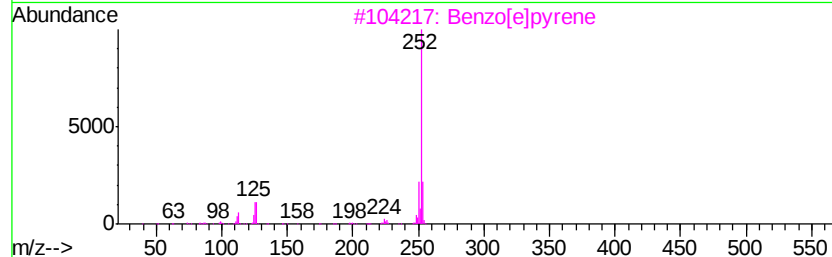
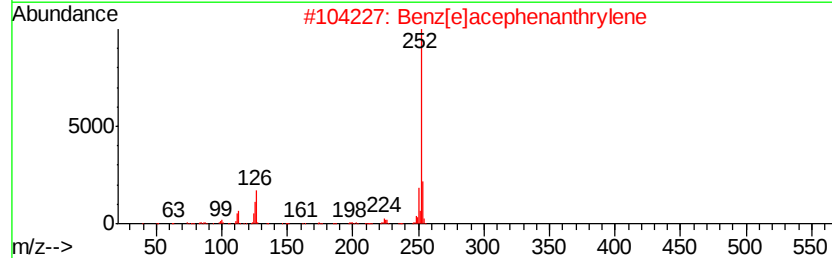
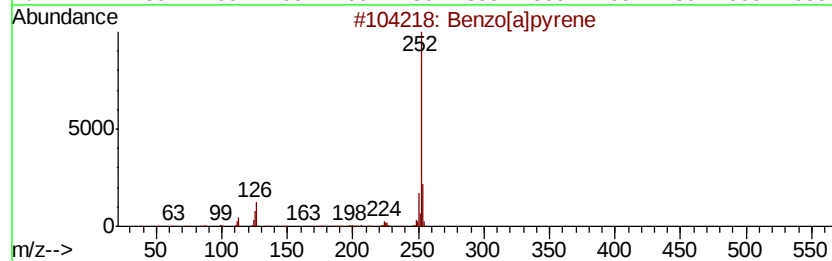
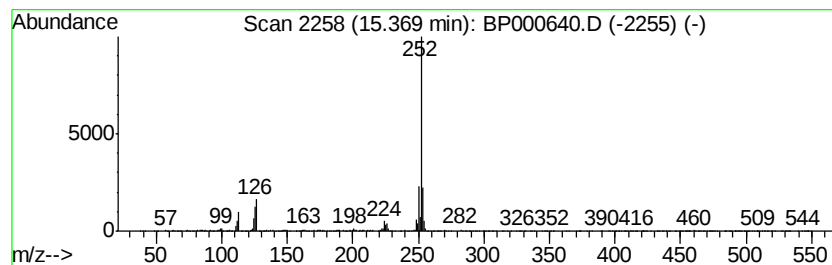
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.00 ng	239167	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]pyrene	252	C20H12	000050-32-8	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[e]pyrene	252	C20H12	000192-97-2	96
4		Perylene	252	C20H12	000198-55-0	96
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101119\
Data File : BP000640.D
Acq On : 11 Oct 2019 18:46
Operator : JU
Sample : K5266-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

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
3-Hexen-2-one	4.32	3.3	ng	252310	1	6.75	1509810	20.0
unknown4.98	4.98	115.0	ng	8680690	1	6.75	1509810	20.0
unknown6.52	6.52	26.9	ng	2028570	1	6.75	1509810	20.0
unknown11.15	11.15	2.4	ng	314733	4	11.29	2598650	20.0
5-Eicosene, (E)-	13.82	5.5	ng	773234	5	13.96	2786360	20.0
Benzo[e]pyrene	15.01	2.0	ng	239008	6	15.44	2386170	20.0
Perylene	15.37	2.0	ng	239167	6	15.44	2386170	20.0