

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092920\
 Data File : BF121735.D
 Acq On : 29 Sep 2020 17:19
 Operator : JU/CG
 Sample : L4173-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-6FT)

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-BF091020.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	4.999	487	495	508	rVB	40843	65372	2.27%	0.231%
2	5.404	560	564	577	rVB	2887671	2760893	96.07%	9.756%
3	5.616	595	600	610	rBV	66501	74887	2.61%	0.265%
4	6.422	732	737	740	rBV	2872851	2806721	97.66%	9.918%
5	6.616	766	770	775	rBV2	154876	175455	6.11%	0.620%
6	6.781	795	798	805	rVB	889763	774435	26.95%	2.737%
7	7.045	840	843	849	rBV	90673	95716	3.33%	0.338%
8	7.351	887	895	898	rBV	1820266	1863853	64.86%	6.586%
9	7.381	898	900	905	rVB	44654	45262	1.57%	0.160%
10	7.640	942	944	949	rVB	147779	125810	4.38%	0.445%
11	8.069	1010	1017	1019	rBV	1123312	978659	34.05%	3.458%
12	8.087	1019	1020	1024	rVV	192975	140180	4.88%	0.495%
13	8.134	1025	1028	1035	rVB2	25874	36596	1.27%	0.129%
14	8.281	1051	1053	1060	rVB	76128	69642	2.42%	0.246%
15	8.345	1060	1064	1073	rVB2	74003	90879	3.16%	0.321%
16	8.492	1085	1089	1093	rBV	29266	33845	1.18%	0.120%
17	8.781	1134	1138	1141	rVB2	72694	74692	2.60%	0.264%
18	8.881	1152	1155	1158	rVB2	40136	33797	1.18%	0.119%
19	9.145	1194	1200	1203	rBV	3395514	2873853	100.00%	10.155%
20	9.539	1263	1267	1271	rBV	320470	312444	10.87%	1.104%
21	9.681	1289	1291	1296	rBV	42923	43122	1.50%	0.152%
22	9.822	1308	1315	1318	rBV	1170023	979395	34.08%	3.461%
23	9.851	1318	1320	1324	rVB	62722	63727	2.22%	0.225%
24	9.928	1330	1333	1338	rBV4	28175	35174	1.22%	0.124%
25	10.028	1346	1350	1352	rBV	69546	66885	2.33%	0.236%
26	10.228	1381	1384	1386	rBV3	35747	39971	1.39%	0.141%
27	10.369	1404	1408	1410	rBV	95962	88340	3.07%	0.312%
28	10.522	1432	1434	1438	rBV	36234	33129	1.15%	0.117%
29	10.610	1445	1449	1453	rBV	1693837	1485289	51.68%	5.249%
30	10.728	1466	1469	1477	rBV2	59530	90073	3.13%	0.318%
31	11.204	1547	1550	1553	rVB	60110	54141	1.88%	0.191%
32	11.304	1564	1567	1569	rBV	906197	801356	27.88%	2.832%
33	11.328	1569	1571	1575	rVV	621515	501766	17.46%	1.773%
34	11.380	1577	1580	1583	rVB	268380	204750	7.12%	0.724%

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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	11.422	1584	1587	1589	rBV3	44676	51161	1.78%	0.181%
36	11.539	1605	1607	1609	rBV2	52283	42225	1.47%	0.149%
37	11.810	1650	1653	1654	rBV	78516	59281	2.06%	0.209%
38	11.833	1655	1657	1660	rVB	143903	132464	4.61%	0.468%
39	11.922	1669	1672	1674	rBV	218736	188176	6.55%	0.665%
40	12.104	1700	1703	1705	rBV	106509	96540	3.36%	0.341%
41	12.357	1744	1746	1749	rBV	93181	74058	2.58%	0.262%
42	12.522	1770	1774	1777	rBV	1294032	1101727	38.34%	3.893%
43	12.751	1807	1813	1815	rBV	1116728	1147608	39.93%	4.055%
44	12.892	1834	1837	1844	rVB	2466206	2311531	80.43%	8.168%
45	13.074	1866	1868	1872	rVB	250069	248441	8.64%	0.878%
46	13.145	1877	1880	1882	rVB	205914	170693	5.94%	0.603%
47	13.180	1884	1886	1889	rVB2	120633	111804	3.89%	0.395%
48	13.804	1989	1992	2000	rVB6	170994	302570	10.53%	1.069%
49	13.945	2011	2016	2019	rBV2	1046964	1386480	48.24%	4.899%
50	13.974	2019	2021	2023	rVB	481033	376589	13.10%	1.331%
51	14.051	2032	2034	2036	rVB	129750	93301	3.25%	0.330%
52	14.974	2188	2191	2194	rBV	482067	666845	23.20%	2.356%
53	15.268	2239	2241	2247	rVB	281687	357109	12.43%	1.262%
54	15.333	2248	2252	2257	rVB	484771	578654	20.14%	2.045%
55	15.392	2259	2262	2265	rBV	455631	506030	17.61%	1.788%
56	16.815	2500	2504	2514	rVB2	200306	375238	13.06%	1.326%

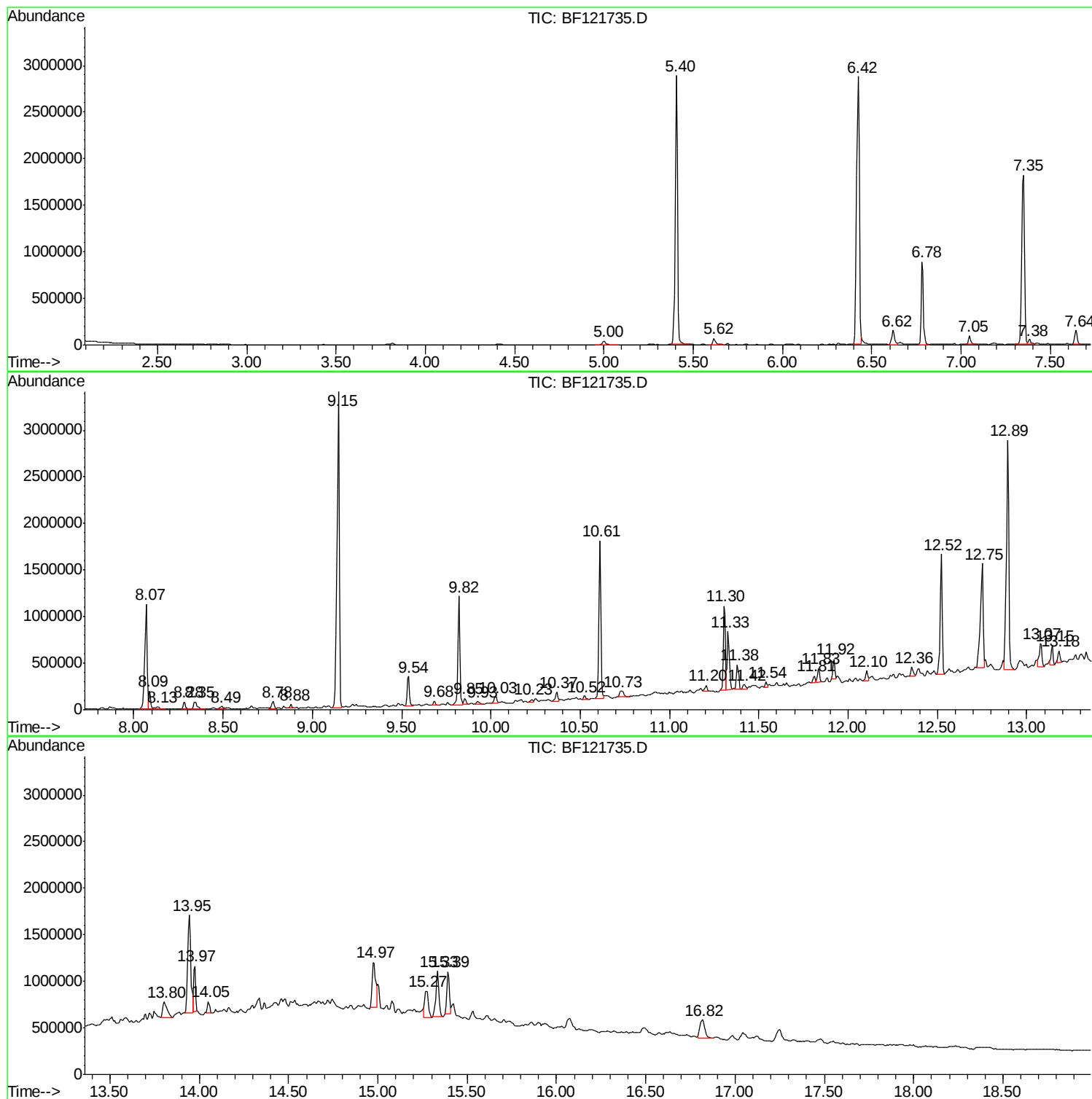
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : JU/CG
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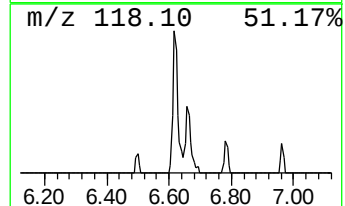
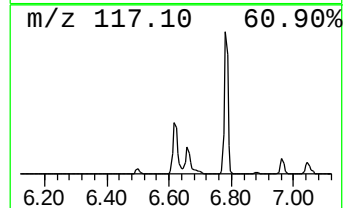
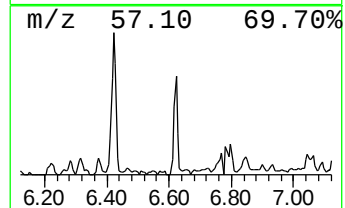
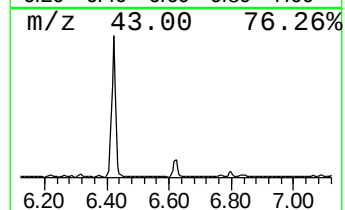
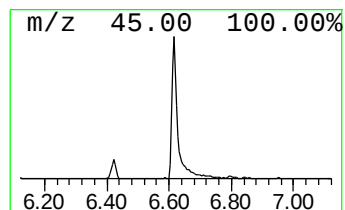
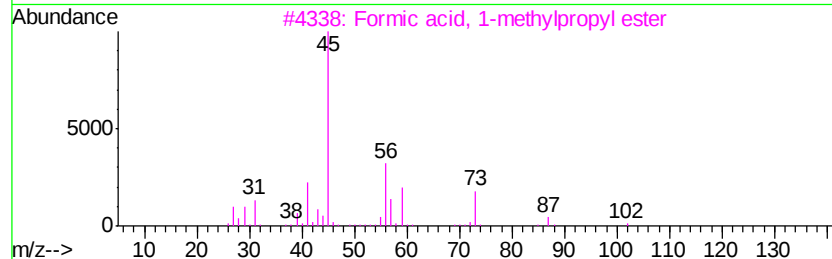
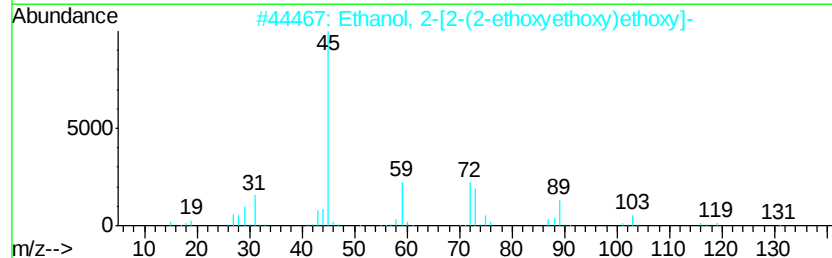
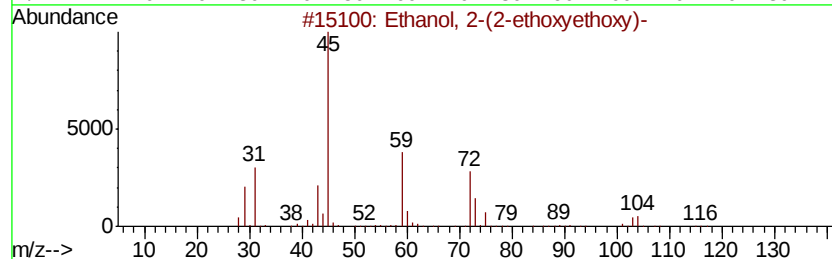
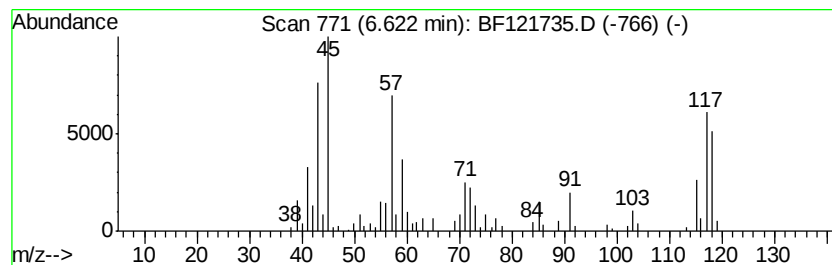
Instrument :
BNA_F
ClientSampleId :
TP-1-(0-6FT)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.62	4.53 ng	175455	1,4-Dichlorobenzene-d4	6.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53
2		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
3		Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	38
4		Methyl 2-(2-methoxyethoxy)acetate	148	C6H12O4	1000366-88-1	37
5		(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	35



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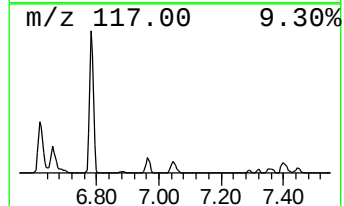
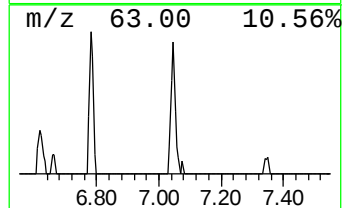
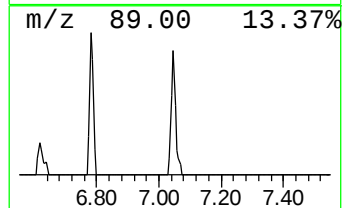
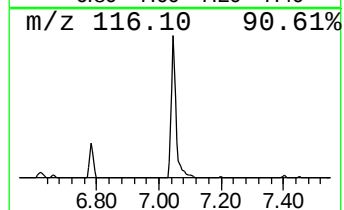
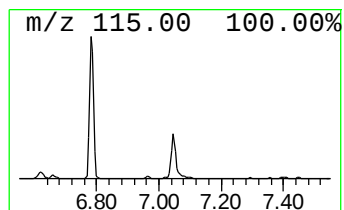
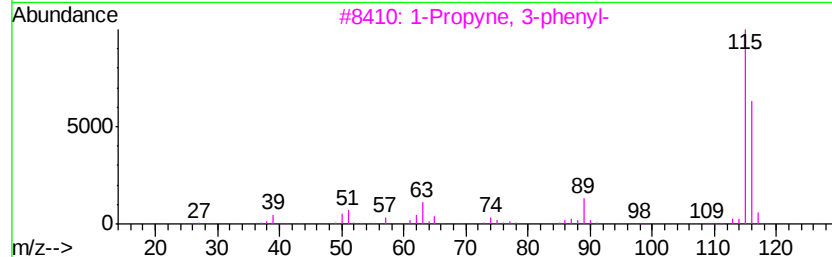
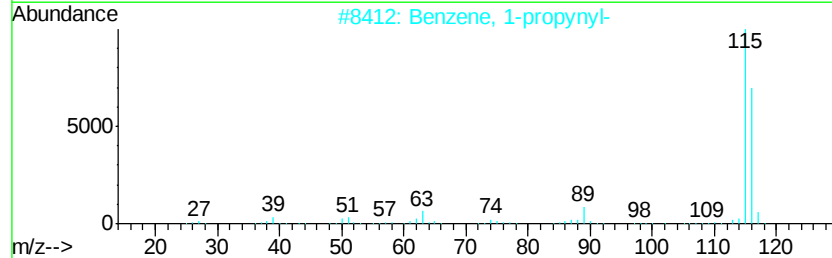
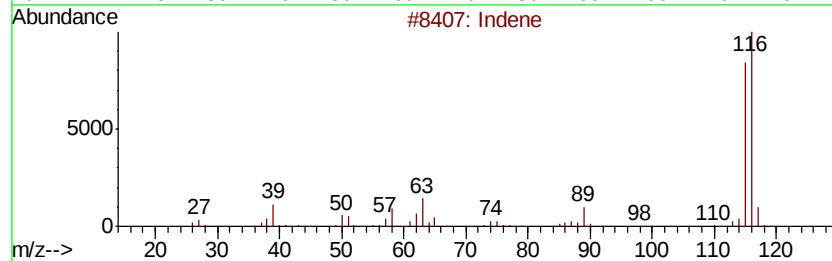
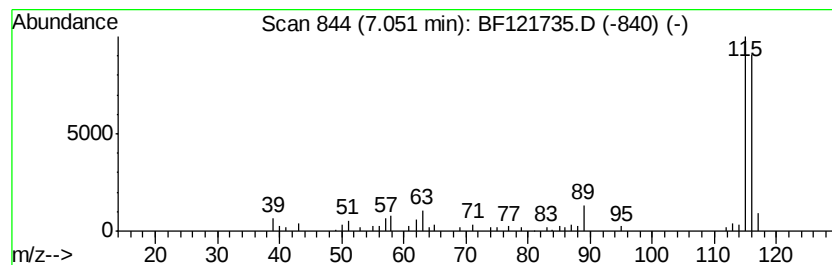
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	2.47 ng	95716	1,4-Dichlorobenzene-d4	6.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	95
3	1-Propyne, 3-phenyl-		116	C9H8	010147-11-2	95
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene		116	C9H8	000766-47-2	91



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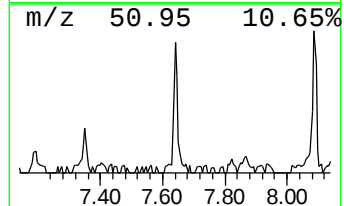
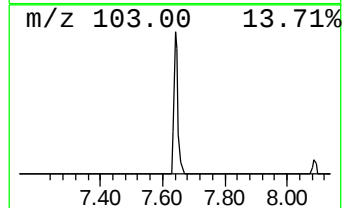
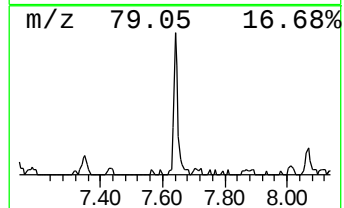
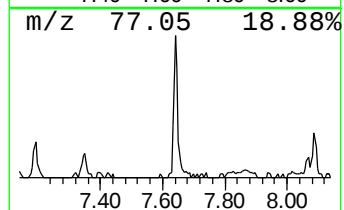
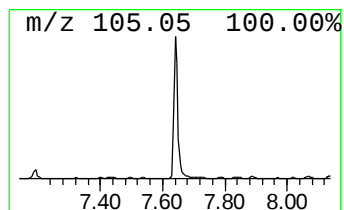
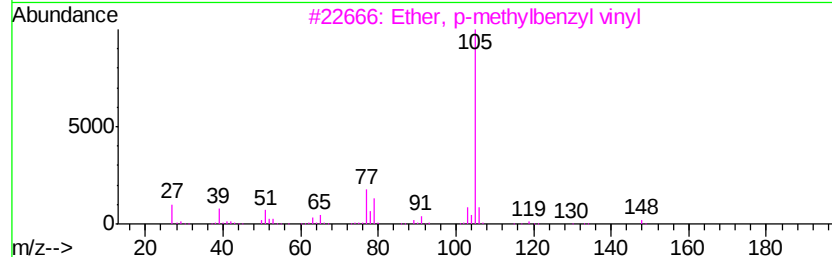
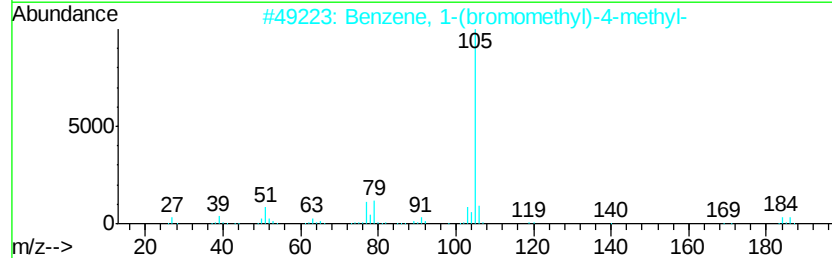
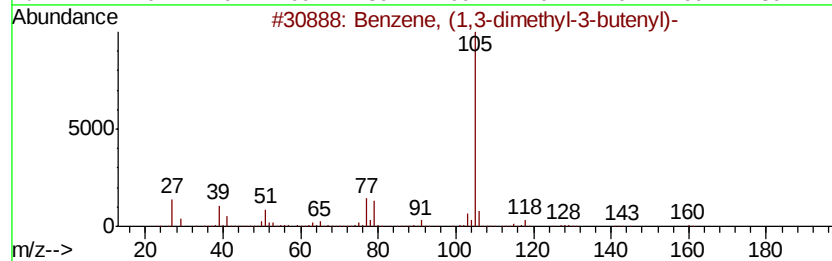
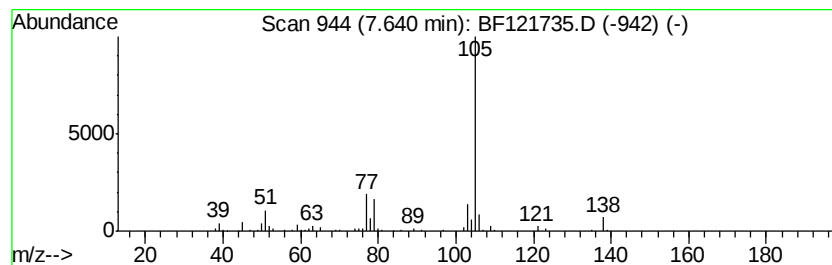
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, (1,3-dimethyl-3-bu... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	2.57 ng	125810	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
2		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	72
3		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
4		Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	59
5		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	59



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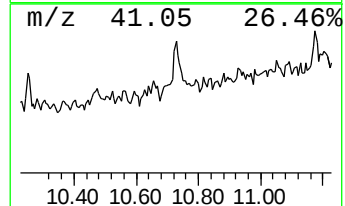
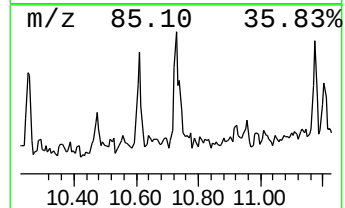
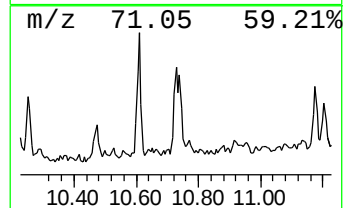
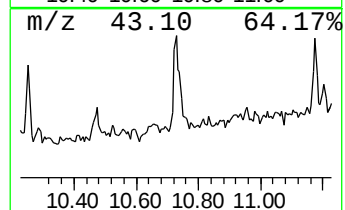
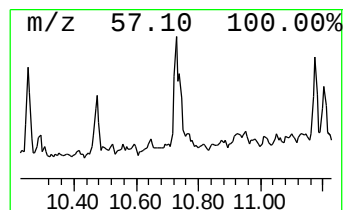
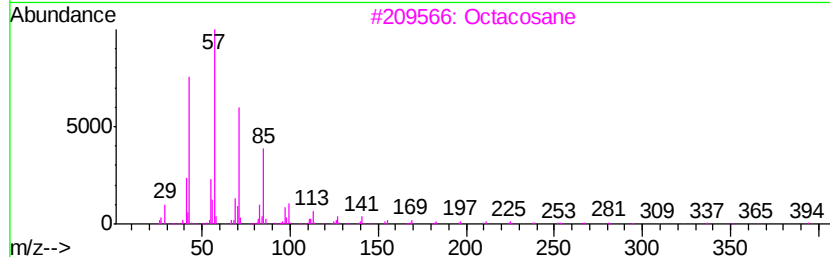
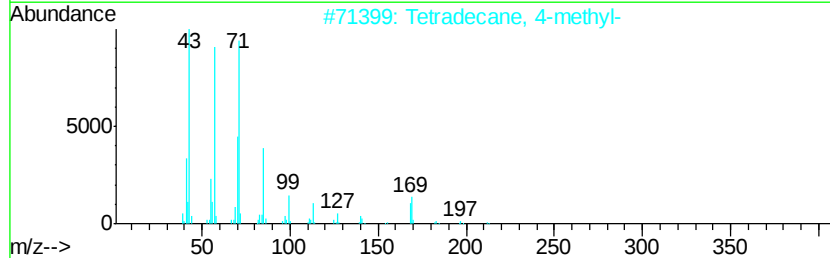
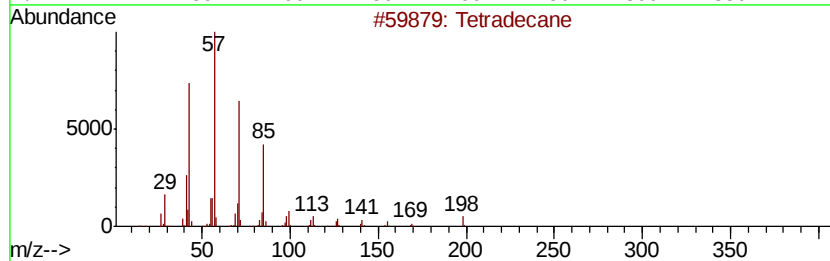
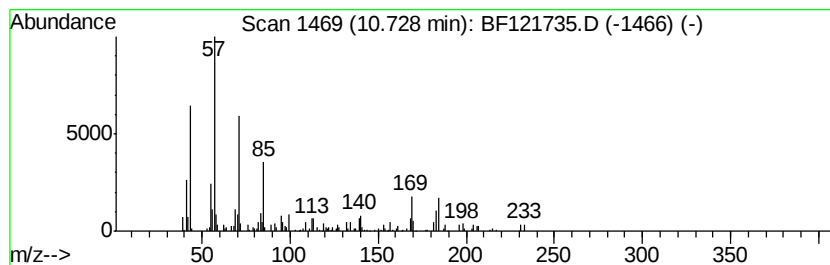
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.25 ng	90073	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	55
2		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	52
3		Octacosane	394	C28H58	000630-02-4	52
4		Dodecane	170	C12H26	000112-40-3	50
5		Decane, 3-methyl-	156	C11H24	013151-34-3	49



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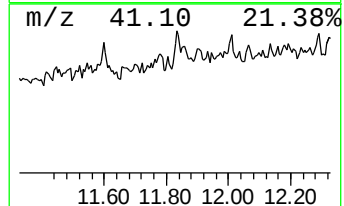
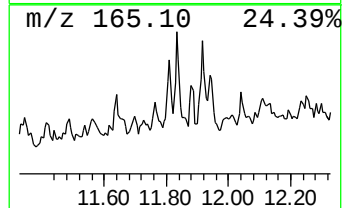
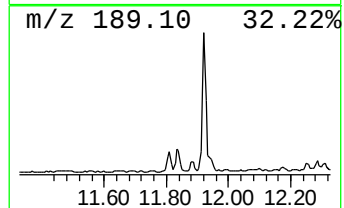
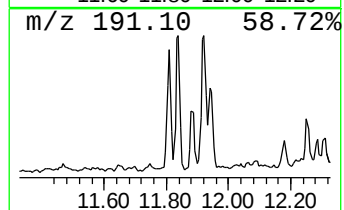
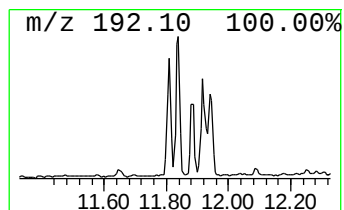
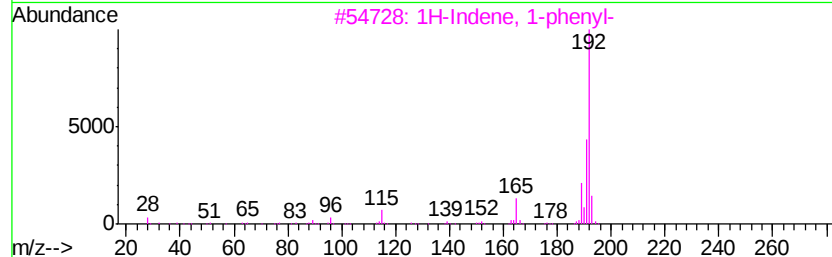
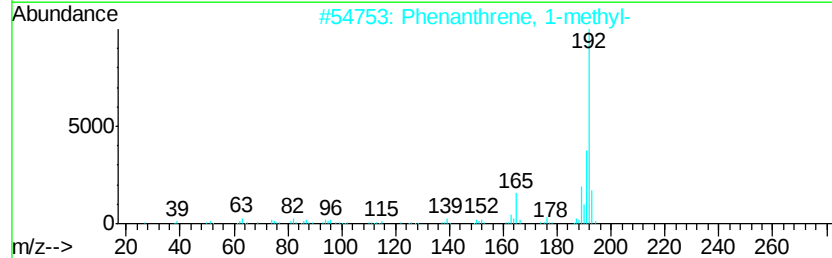
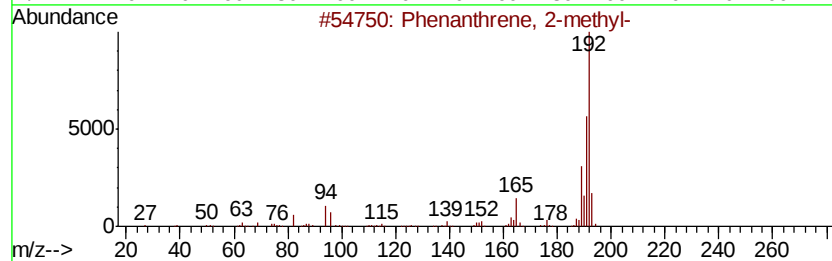
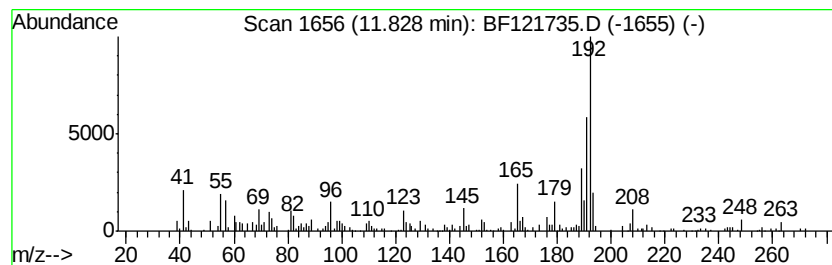
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ClientSampleId :
TP-1-(0-6FT)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	3.31 ng	132464	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121735.D
Acq On : 29 Sep 2020 17:19
Operator : JU/CG
Sample : L4173-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1-(0-6FT)

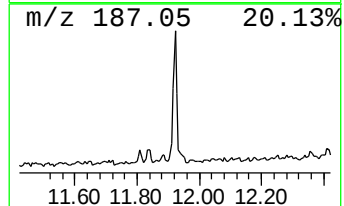
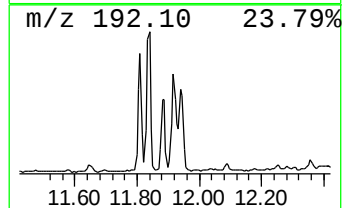
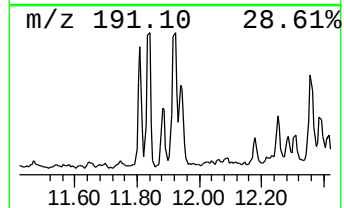
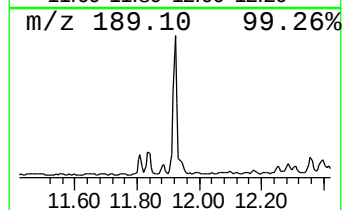
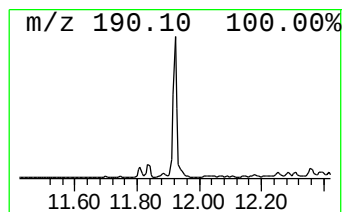
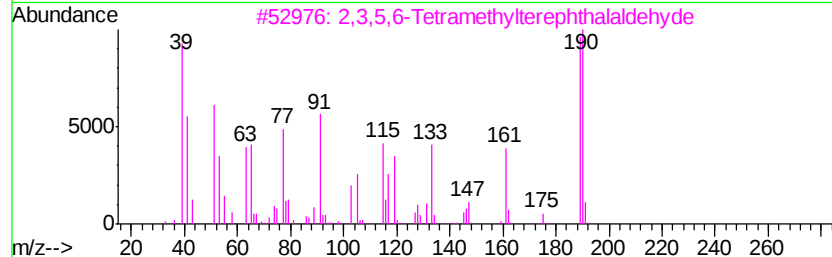
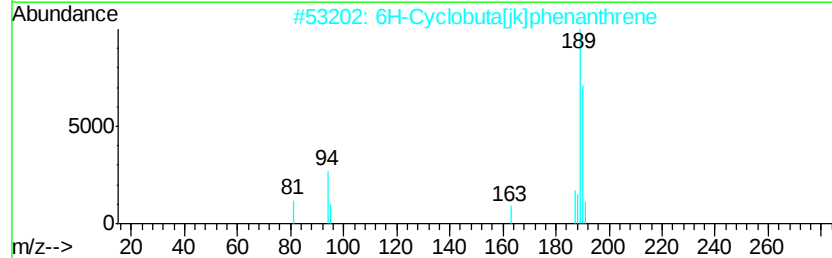
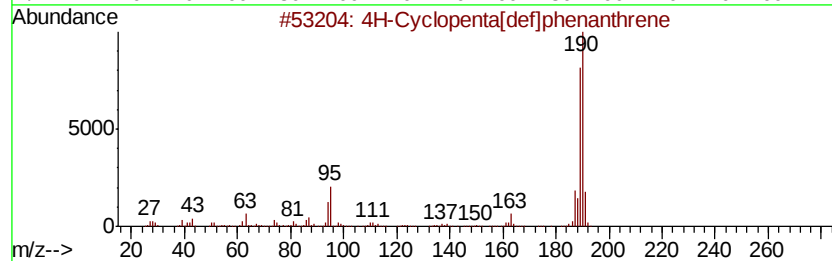
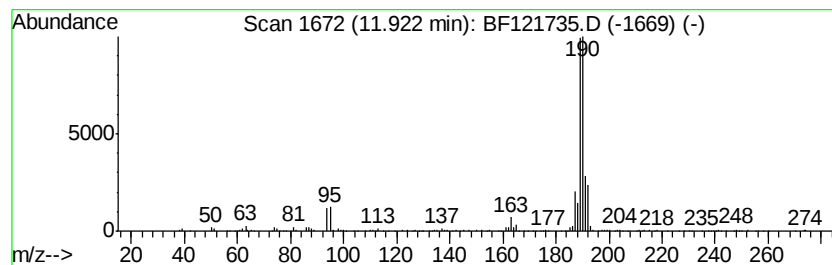
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.70 ng	188176	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5		Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121735.D
Acq On : 29 Sep 2020 17:19
Operator : JU/CG
Sample : L4173-02
Misc :
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ClientSampleId :
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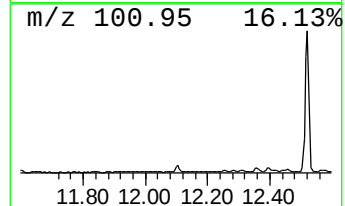
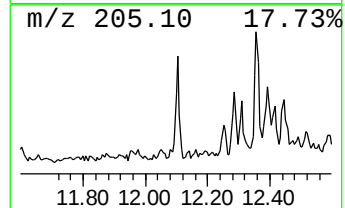
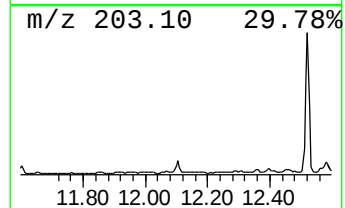
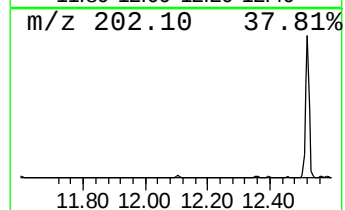
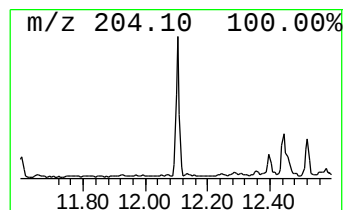
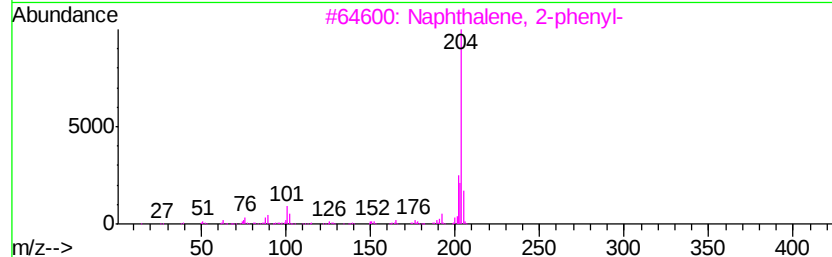
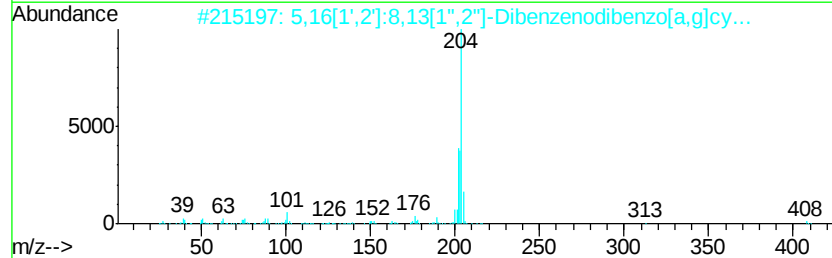
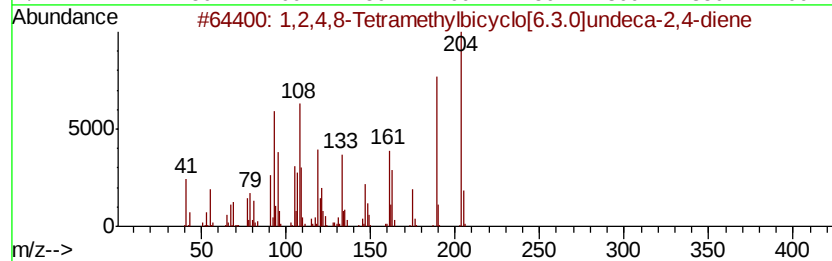
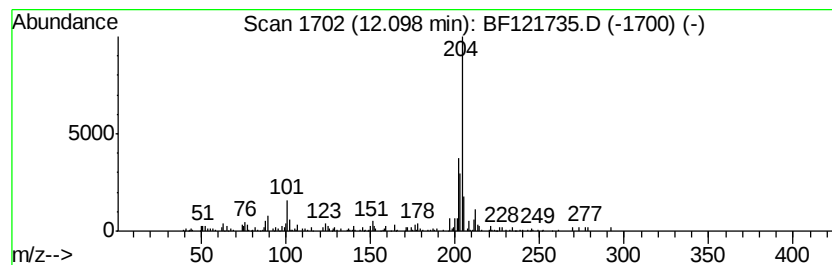
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.41 ng	96540	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
2			5,16[1',2']:[8,13[1'',2'']]-Dibenz[1,2-b:4,5-b']-Diphenyl-	408	C32H24	005672-97-9	80
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	68
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121735.D
Acq On : 29 Sep 2020 17:19
Operator : JU/CG
Sample : L4173-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1-(0-6FT)

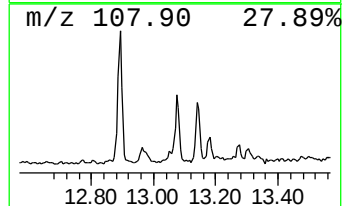
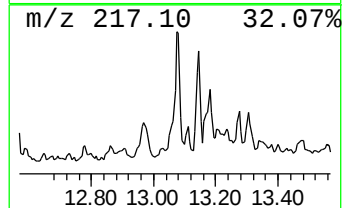
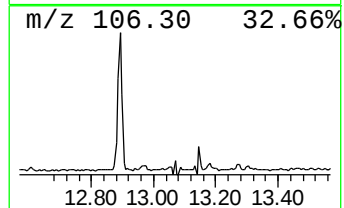
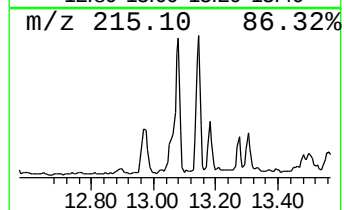
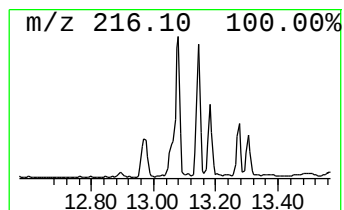
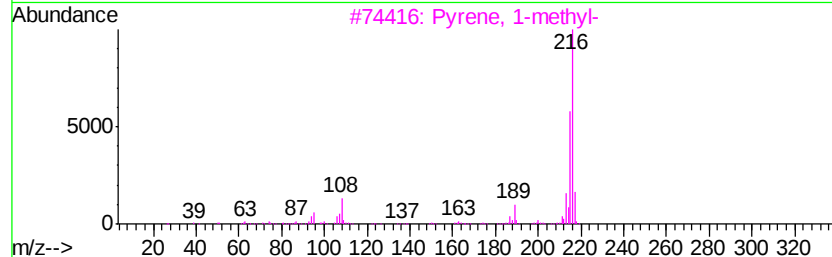
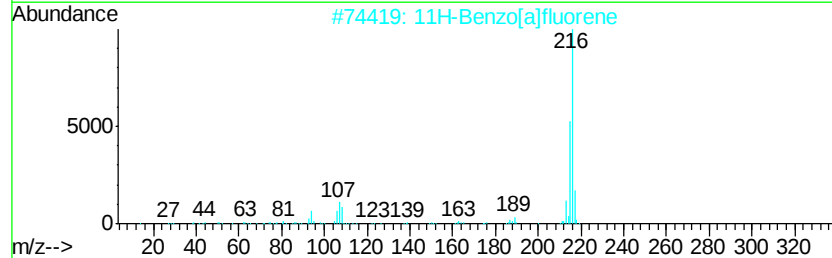
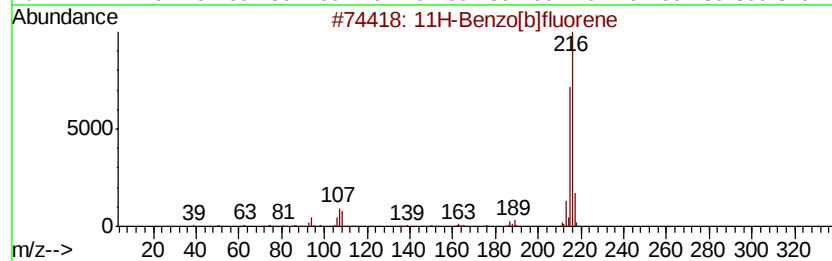
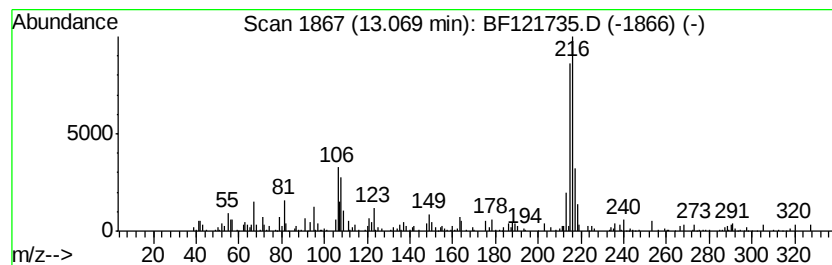
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.58 ng	248441	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121735.D
Acq On : 29 Sep 2020 17:19
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Sample : L4173-02
Misc :
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ClientSampleId :
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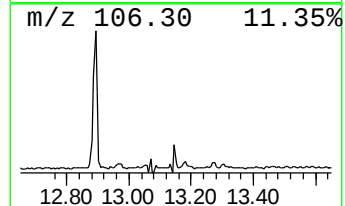
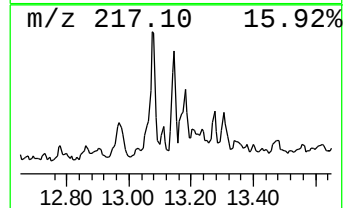
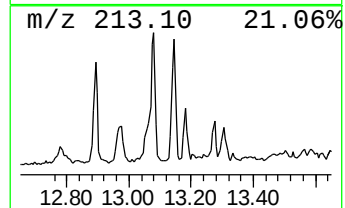
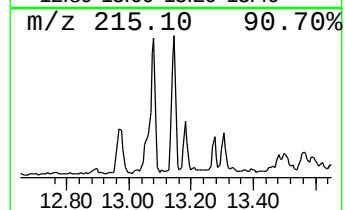
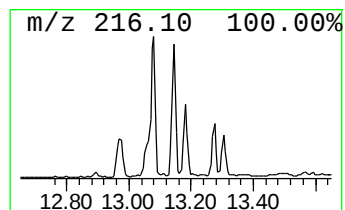
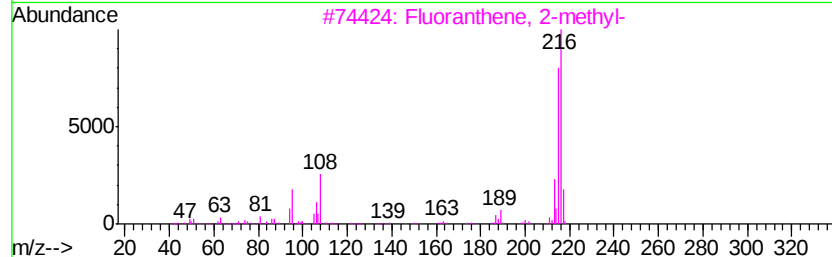
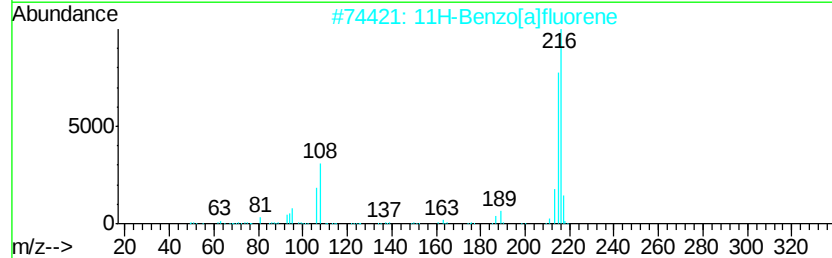
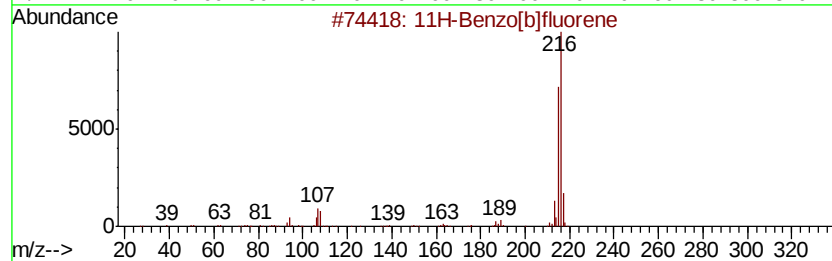
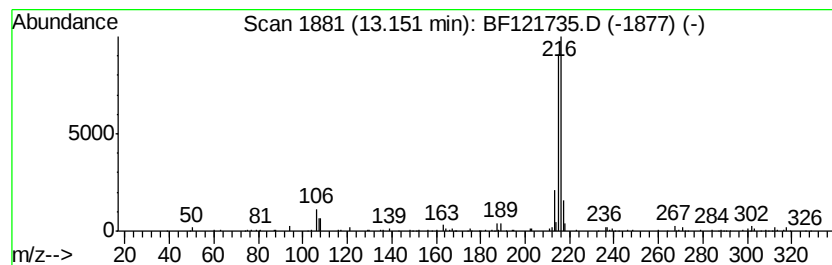
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.46 ng	170693	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121735.D
Acq On : 29 Sep 2020 17:19
Operator : JU/CG
Sample : L4173-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

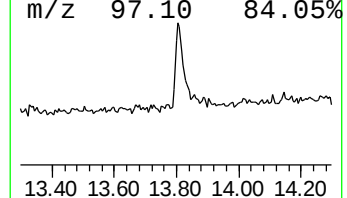
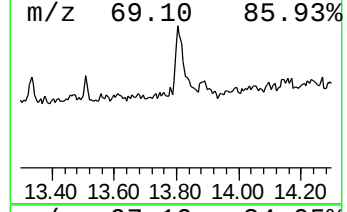
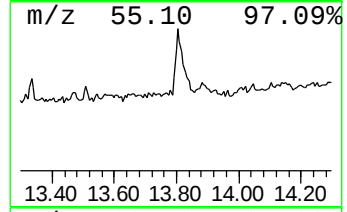
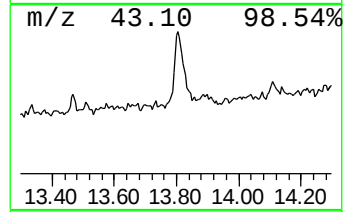
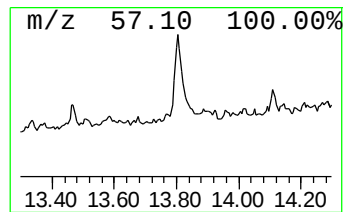
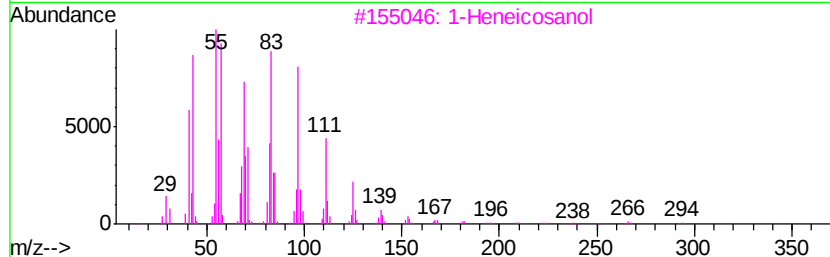
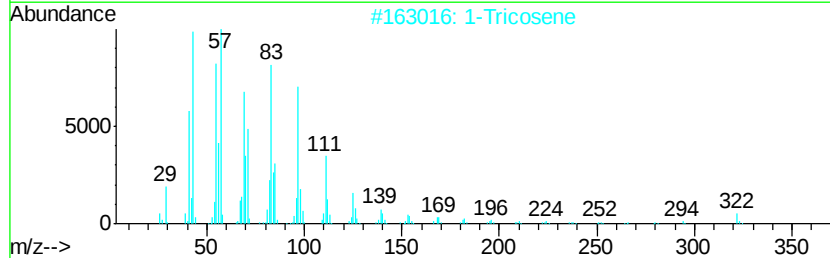
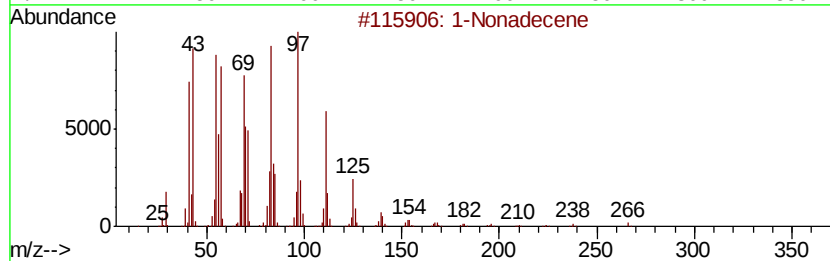
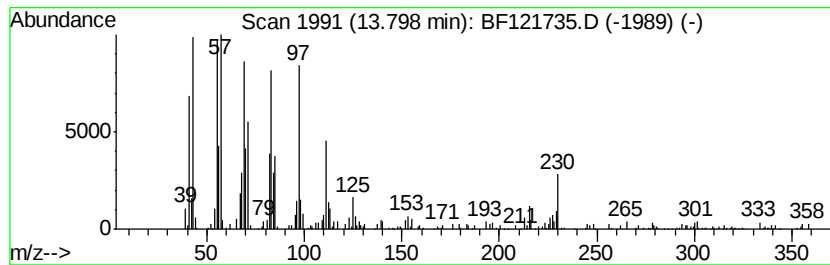
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	4.36 ng	302570	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Tricosene	322	C23H46	018835-32-0	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121735.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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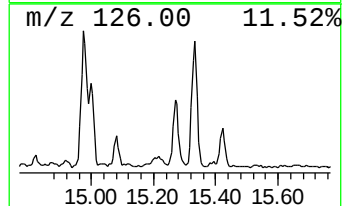
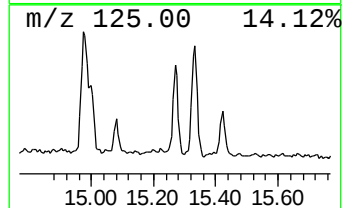
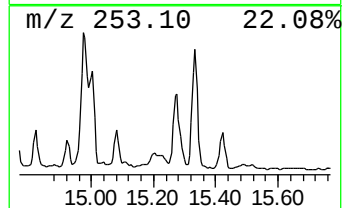
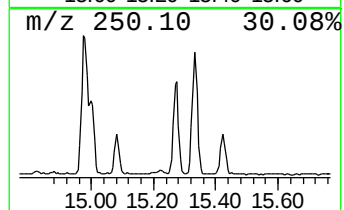
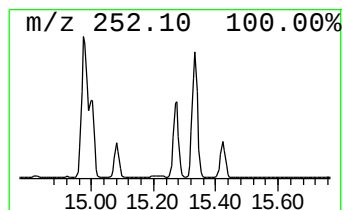
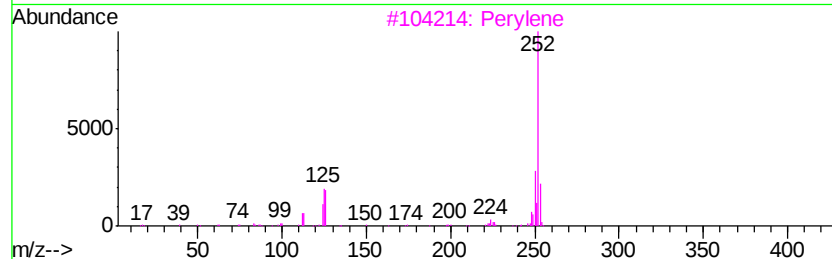
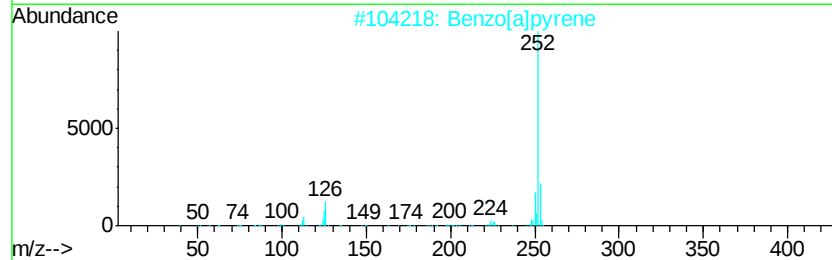
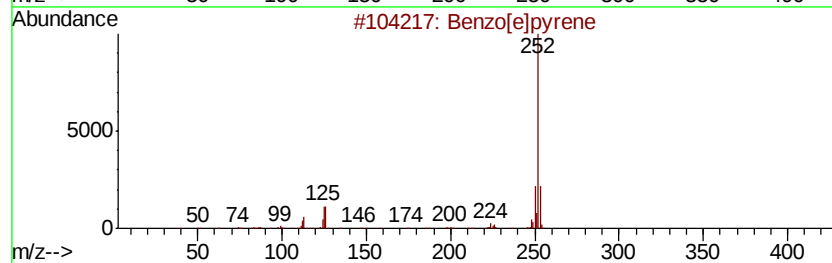
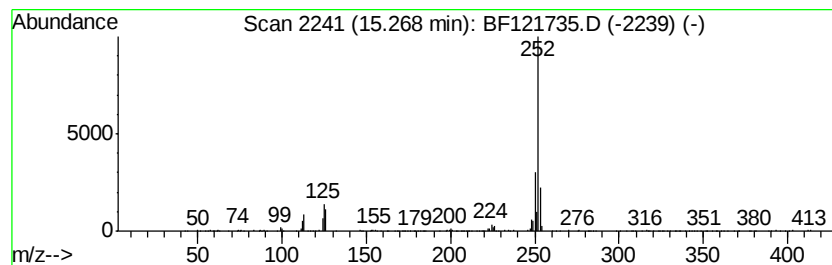
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	14.11 ng	357109	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092920\
Data File : BF121735.D
Acq On : 29 Sep 2020 17:19
Operator : JU/CG
Sample : L4173-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-6FT)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Ethanol, 2-(2-eth...	6.62	4.5	ng	175455	1	6.78	774435	20.0
Indene	7.05	2.5	ng	95716	1	6.78	774435	20.0
Benzene, (1,3-dim...	7.64	2.6	ng	125810	2	8.07	978659	20.0
Tetradecane	10.73	2.3	ng	90073	4	11.30	801356	20.0
Phenanthrene, 2-m...	11.83	3.3	ng	132464	4	11.30	801356	20.0
4H-Cyclopenta[def...	11.92	4.7	ng	188176	4	11.30	801356	20.0
1,2,4,8-Tetrameth...	12.10	2.4	ng	96540	4	11.30	801356	20.0
11H-Benzo[b]fluorene	13.07	3.6	ng	248441	5	13.95	1386480	20.0
11H-Benzo[a]fluorene	13.15	2.5	ng	170693	5	13.95	1386480	20.0
1-Nonadecene	13.80	4.4	ng	302570	5	13.95	1386480	20.0
Benzo[e]pyrene	15.27	14.1	ng	357109	6	15.39	506030	20.0