

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127038.D
 Acq On : 23 Feb 2022 14:35
 Operator : CG\JU
 Sample : N1635-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

Integration Parameters: rteint.p

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127038.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.534	547	552	555	rBV	2551503	2308653	83.11%	11.344%
2	6.534	716	722	725	rBV	2432216	2401185	86.44%	11.799%
3	6.904	781	785	789	rBV	755121	611580	22.02%	3.005%
4	7.469	876	881	884	rBV	1732759	1620057	58.32%	7.960%
5	8.187	999	1003	1007	rBV	969421	825044	29.70%	4.054%
6	9.263	1180	1186	1189	rBV	3406306	2777870	100.00%	13.649%
7	9.334	1193	1198	1201	rBV	50273	38779	1.40%	0.191%
8	9.598	1238	1243	1246	rBV3	29334	32456	1.17%	0.159%
9	9.945	1293	1302	1305	rBV	1144332	891655	32.10%	4.381%
10	10.363	1366	1373	1376	rVB4	34885	51624	1.86%	0.254%
11	10.739	1432	1437	1440	rBV	1945519	1867186	67.22%	9.175%
12	11.039	1482	1488	1491	rBV4	25922	38058	1.37%	0.187%
13	11.286	1524	1530	1533	rBV4	30907	38571	1.39%	0.190%
14	11.433	1552	1555	1558	rBV	971202	909357	32.74%	4.468%
15	11.457	1558	1559	1562	rVV	337751	221556	7.98%	1.089%
16	11.498	1562	1566	1570	rVB3	28202	40560	1.46%	0.199%
17	11.939	1636	1641	1643	rBV2	108395	145415	5.23%	0.715%
18	11.963	1643	1645	1648	rVB	121480	96997	3.49%	0.477%
19	12.045	1656	1659	1662	rBV2	99946	112808	4.06%	0.554%
20	12.069	1662	1663	1666	rVB	70929	50250	1.81%	0.247%
21	12.233	1688	1691	1693	rBV	52581	47451	1.71%	0.233%
22	12.257	1693	1695	1701	rVB2	43925	42856	1.54%	0.211%
23	12.486	1731	1734	1737	rBV	70750	70626	2.54%	0.347%
24	12.522	1737	1740	1742	rVV3	37648	49689	1.79%	0.244%
25	12.569	1746	1748	1753	rBV4	33768	49645	1.79%	0.244%
26	12.651	1759	1762	1765	rVB	403756	321169	11.56%	1.578%
27	12.880	1795	1801	1807	rBV	344940	369049	13.29%	1.813%
28	12.927	1807	1809	1814	rVB2	29407	34770	1.25%	0.171%
29	13.022	1821	1825	1828	rBV	2676586	2352430	84.68%	11.559%
30	13.092	1833	1837	1845	rBV3	43837	73150	2.63%	0.359%
31	13.180	1849	1852	1854	rBV3	31092	37714	1.36%	0.185%
32	13.210	1854	1857	1860	rVB	76629	72299	2.60%	0.355%
33	13.275	1865	1868	1871	rBV2	62621	51842	1.87%	0.255%
34	13.310	1871	1874	1877	rBV2	52484	54281	1.95%	0.267%
35	13.404	1887	1890	1893	rBV	41482	39904	1.44%	0.196%
36	13.716	1936	1943	1947	rBV3	33559	68474	2.46%	0.336%

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ClientSampleId :
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Integration Parameters: rteint.p
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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.916	1973	1977	1987	rBV3	104821	197774	7.12%	0.972%
38	14.045	1996	1999	2001	rBV	69180	67481	2.43%	0.332%
39	14.080	2001	2005	2007	rVV2	522282	543833	19.58%	2.672%
40	14.104	2007	2009	2017	rVB	135171	121195	4.36%	0.596%
41	15.133	2181	2184	2192	rVB	76839	136100	4.90%	0.669%
42	15.445	2235	2237	2243	rVB	50937	55645	2.00%	0.273%
43	15.574	2255	2259	2264	rBV2	314023	414496	14.92%	2.037%

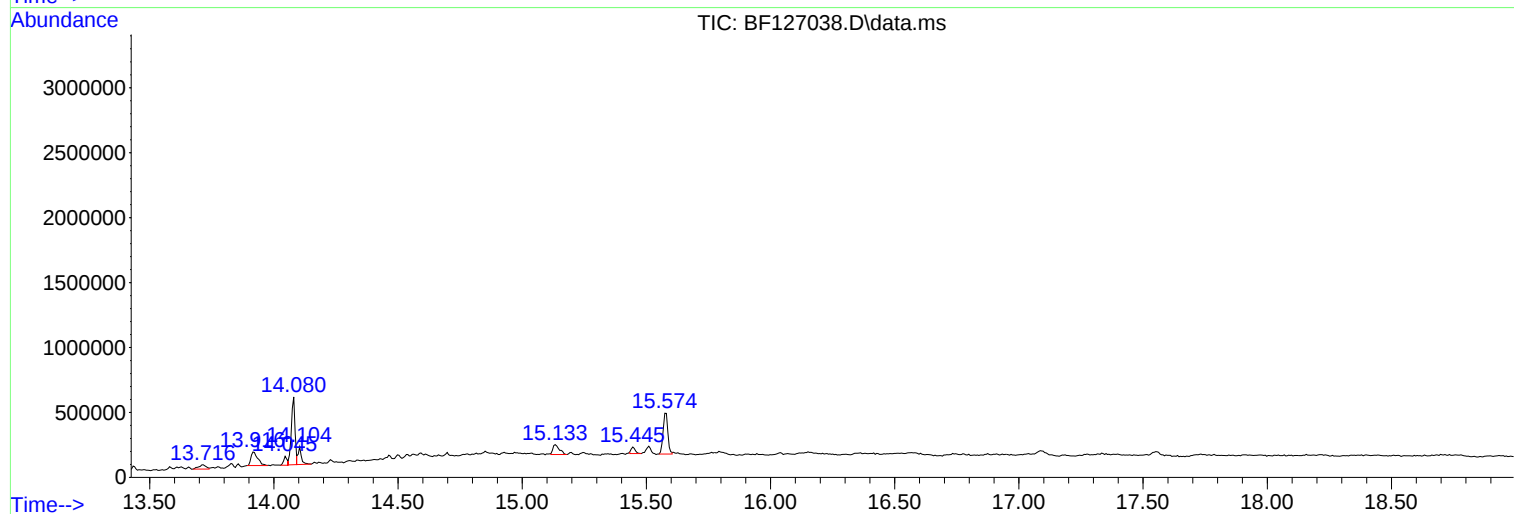
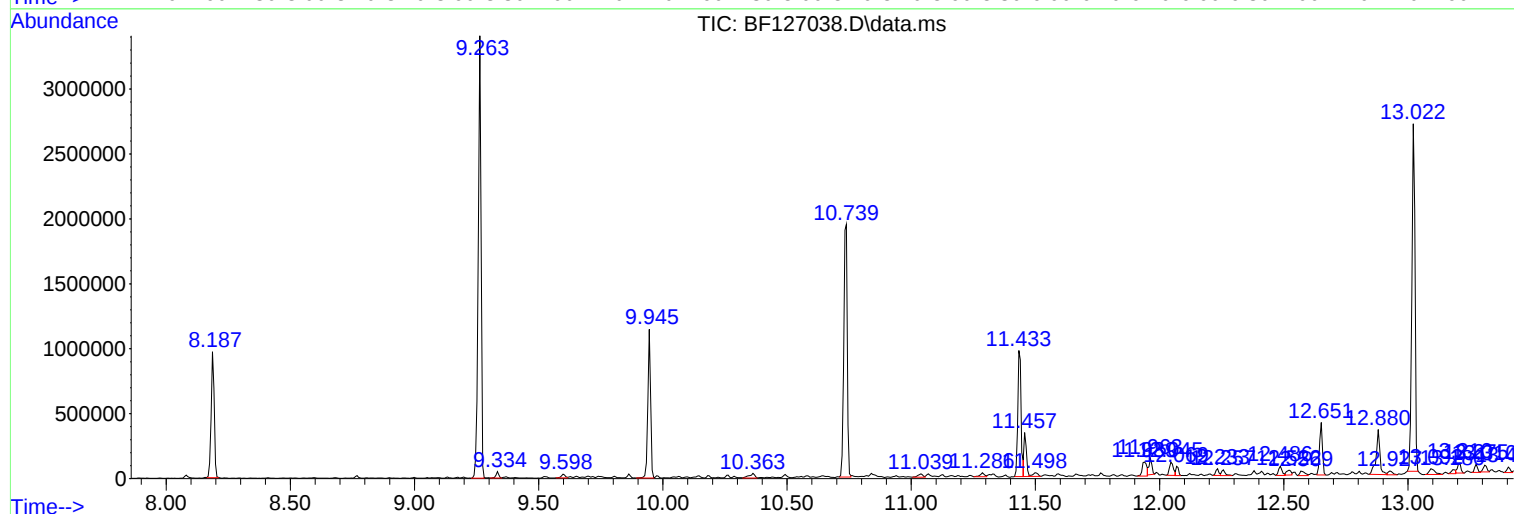
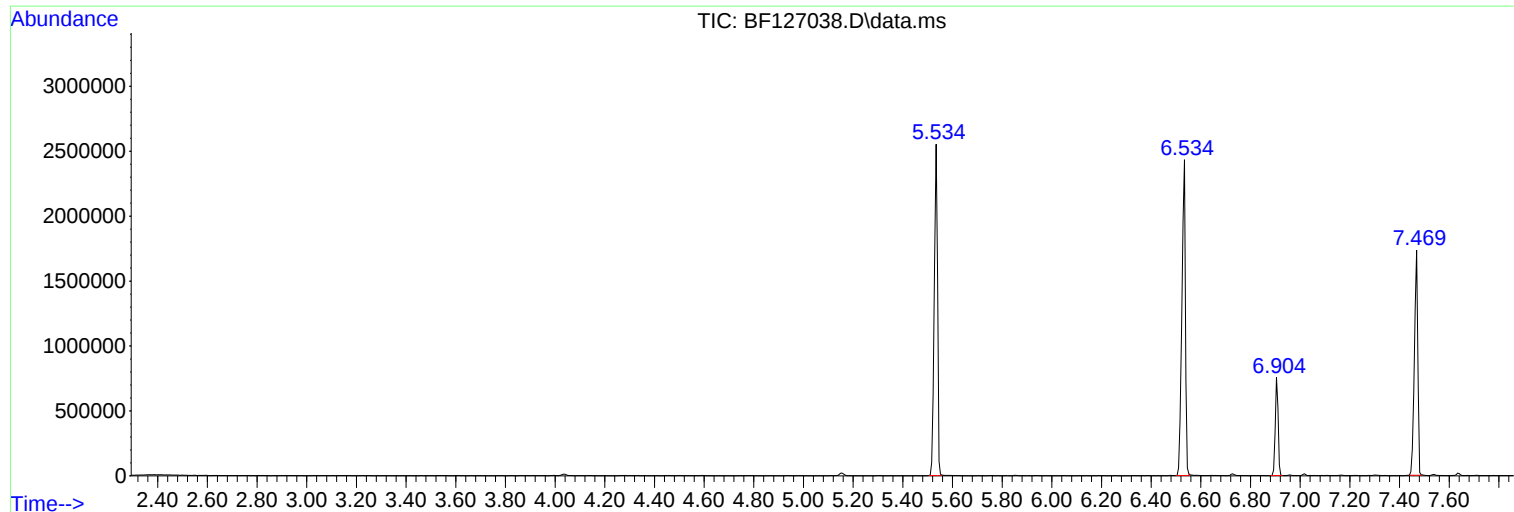
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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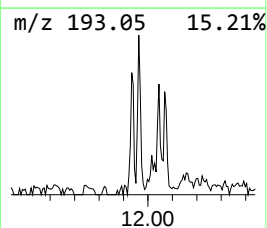
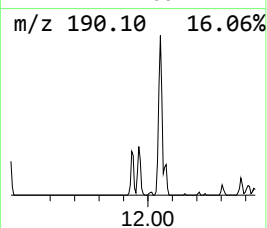
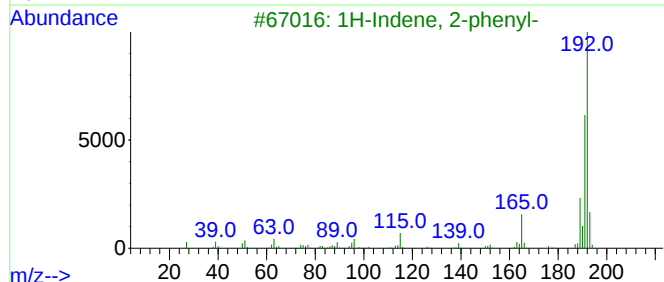
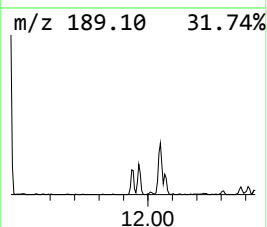
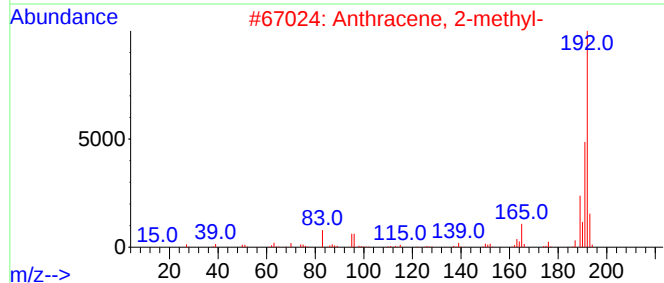
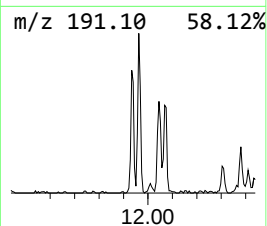
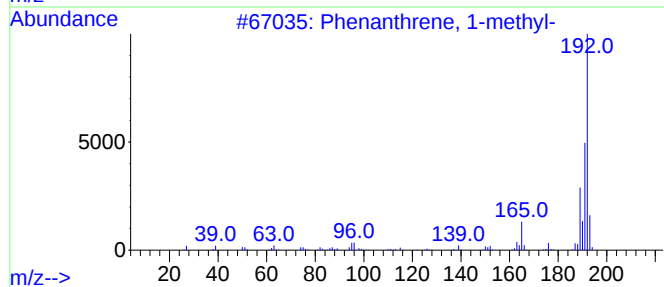
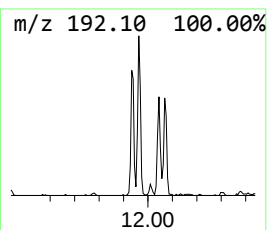
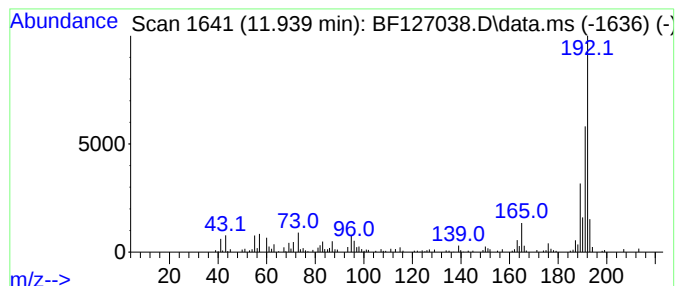
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.20 ng	145415	Phenanthrene-d10	11.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-124019

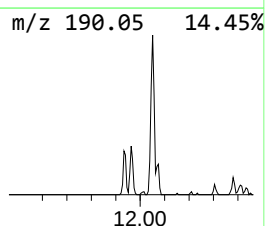
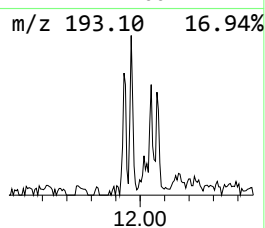
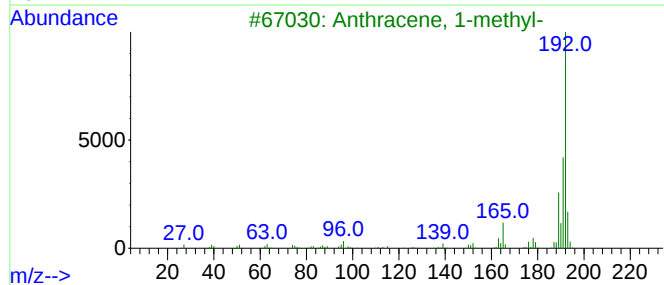
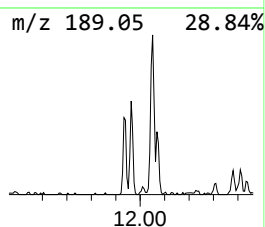
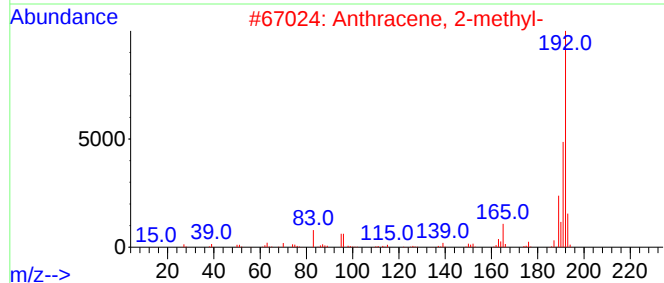
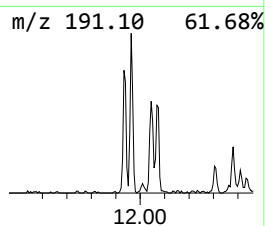
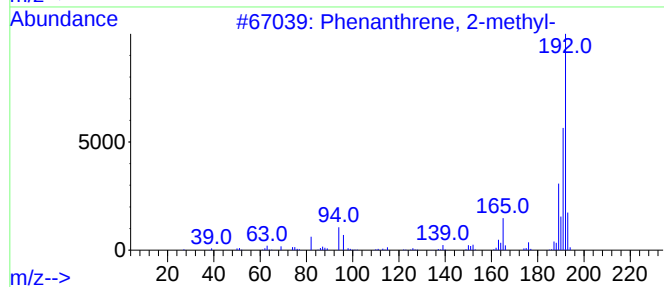
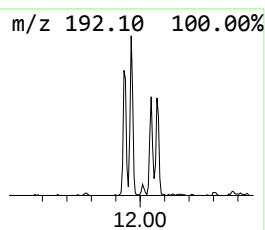
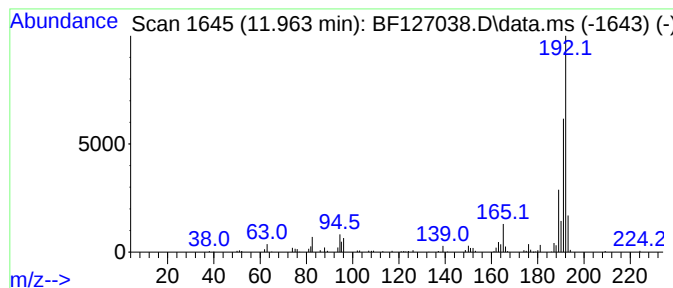
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	2.13 ng	96997	Phenanthrene-d10	11.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



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Sample : N1635-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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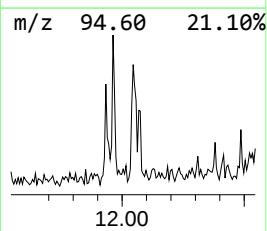
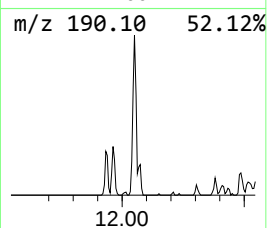
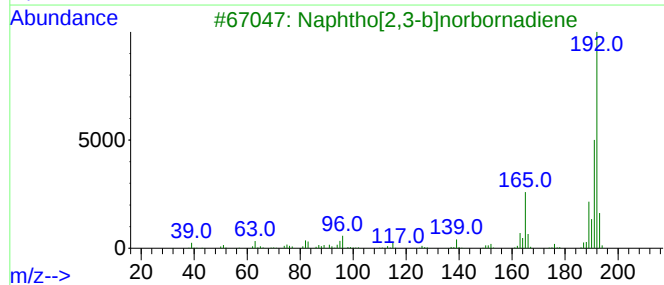
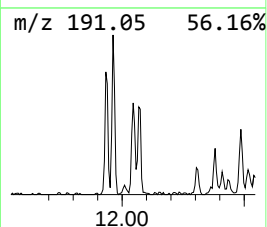
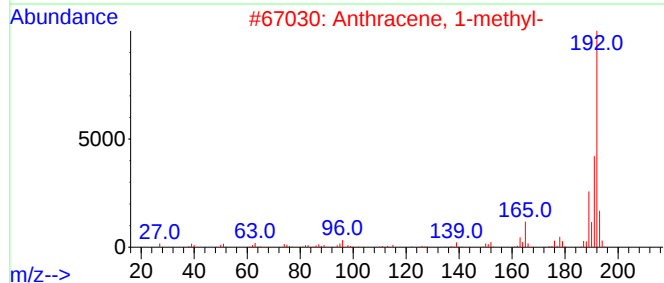
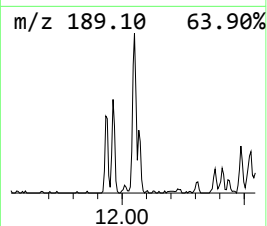
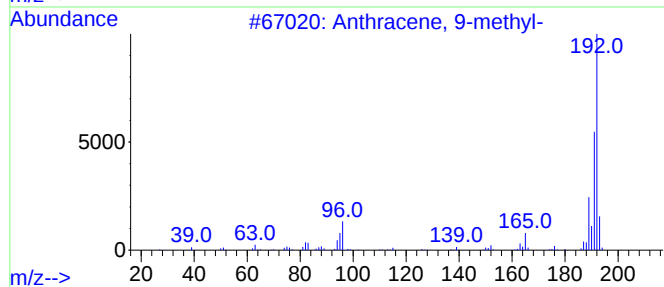
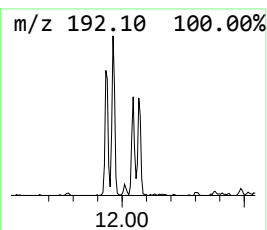
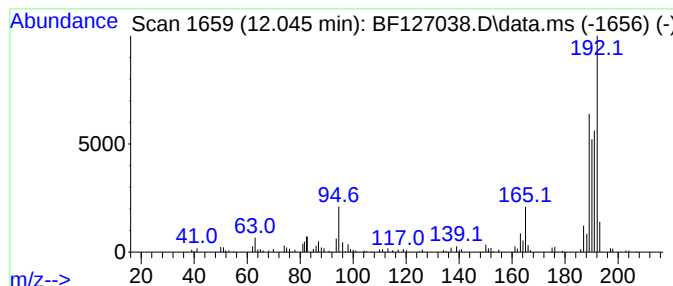
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	2.48 ng	112808	Phenanthrene-d10	11.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	55



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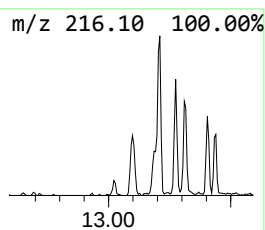
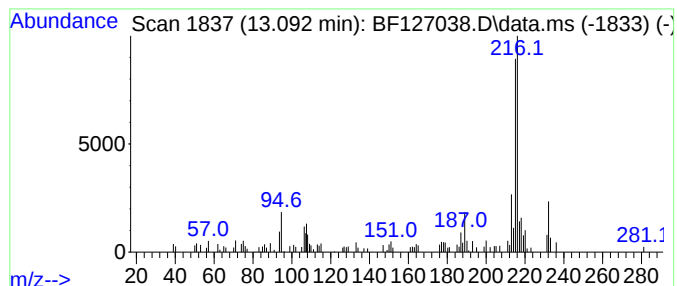
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.69 ng	73150	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53



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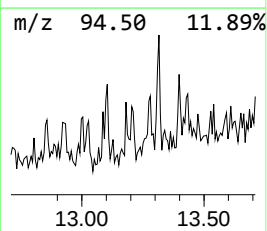
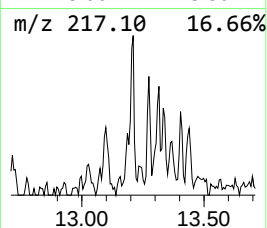
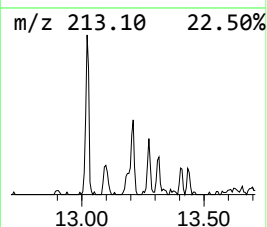
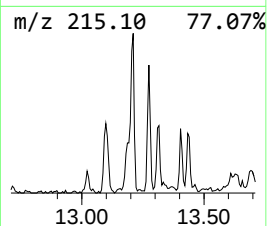
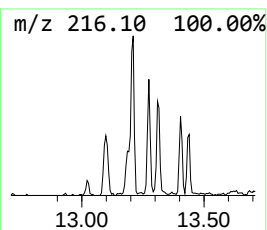
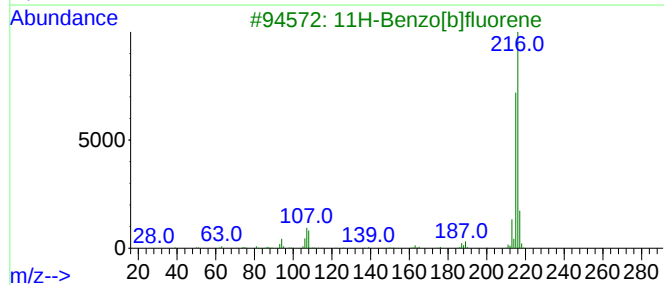
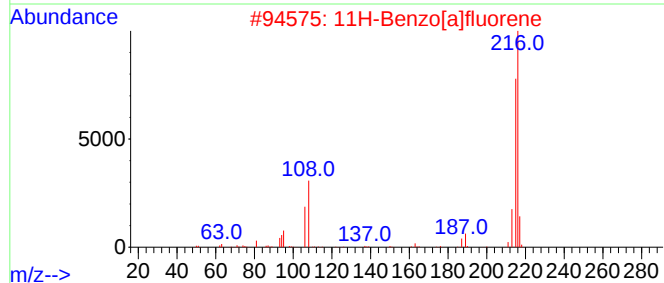
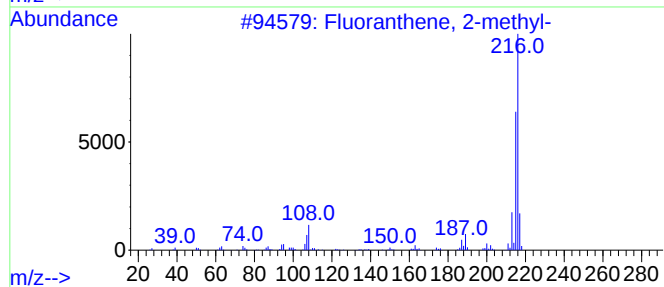
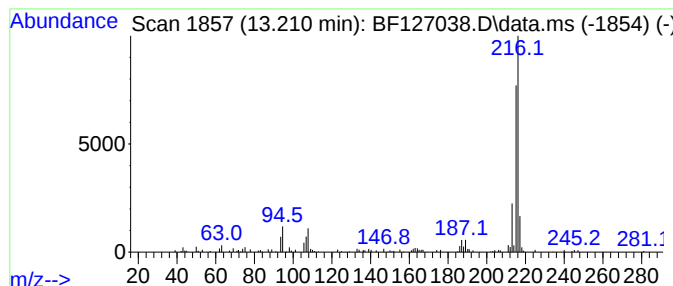
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.66 ng	72299	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



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RO-124019

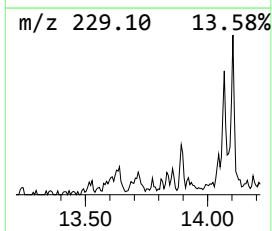
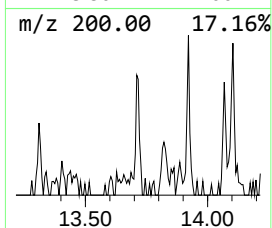
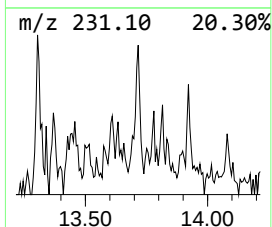
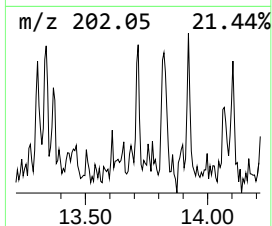
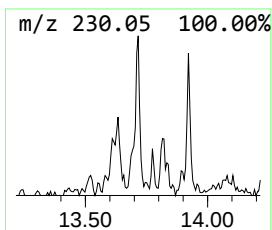
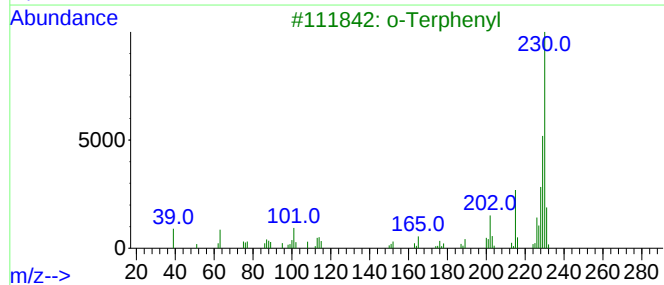
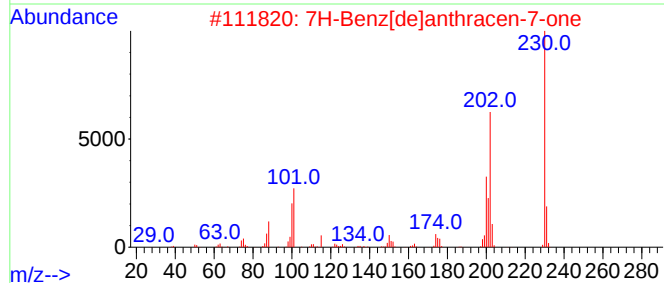
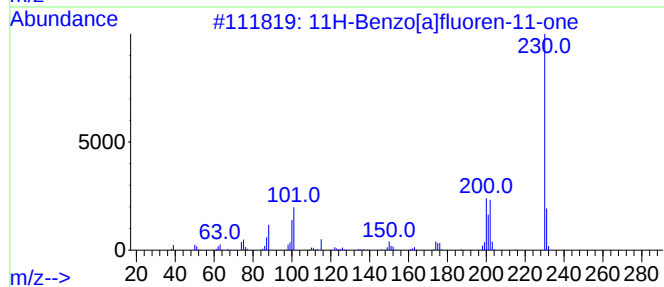
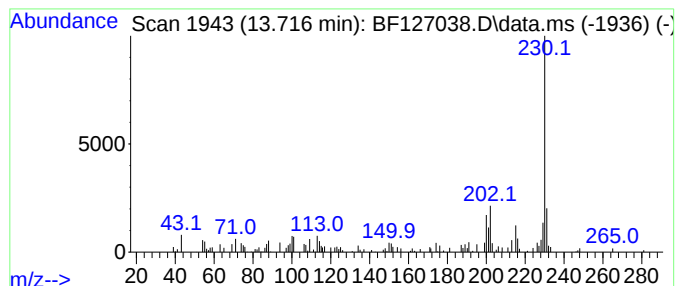
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.52 ng	68474	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3			o-Terphenyl	230	C18H14	000084-15-1	70
4			m-Terphenyl	230	C18H14	000092-06-8	68
5			(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127038.D
Acq On : 23 Feb 2022 14:35
Operator : CG\JU
Sample : N1635-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-124019

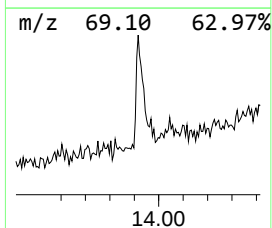
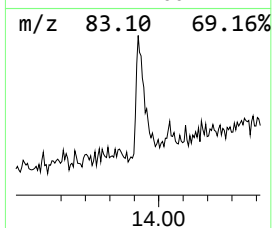
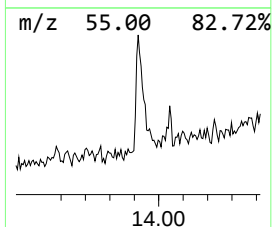
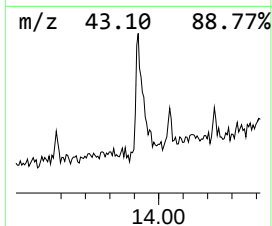
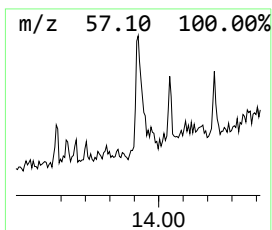
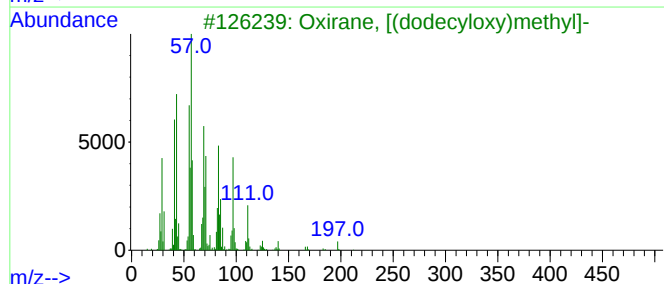
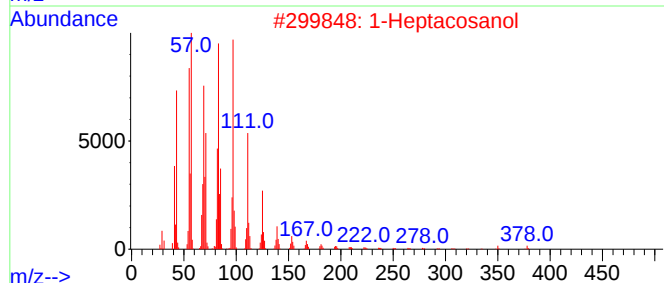
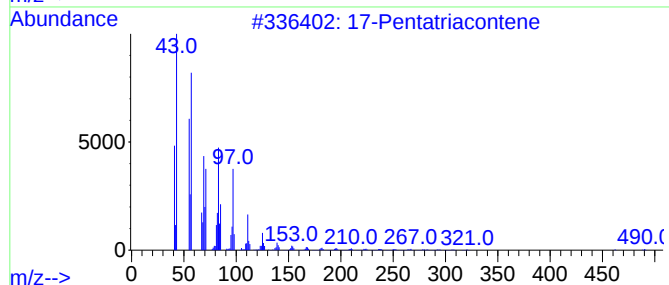
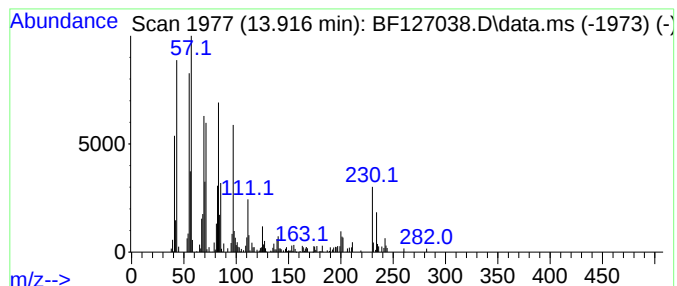
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 17-Pentatriacontene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	7.27 ng	197774	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	81
2			1-Heptacosanol	396	C27H56O	002004-39-9	74
3			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	68
4			1-Hexacosene	364	C26H52	018835-33-1	64
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127038.D
Acq On : 23 Feb 2022 14:35
Operator : CG\JU
Sample : N1635-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-124019

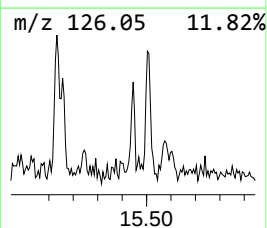
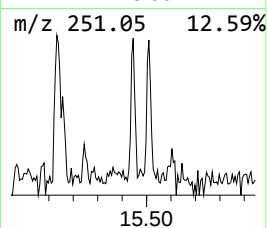
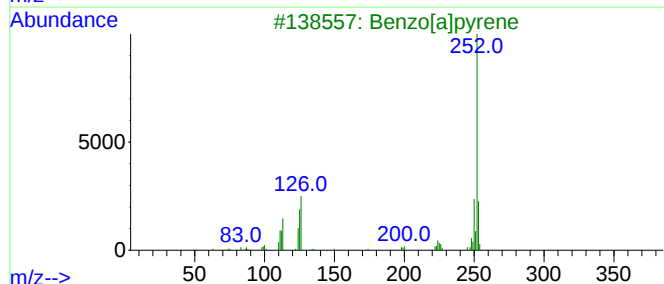
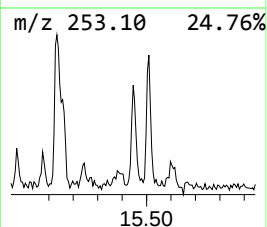
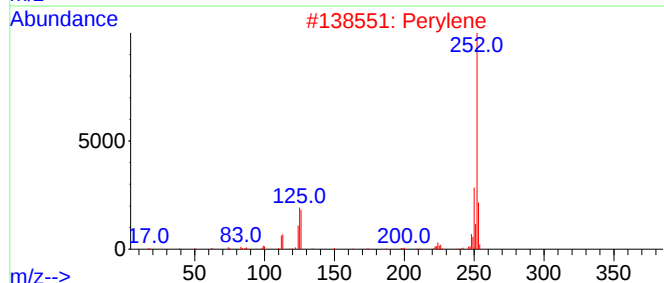
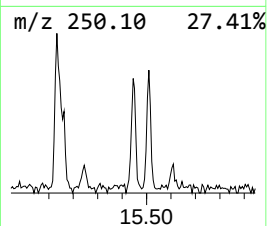
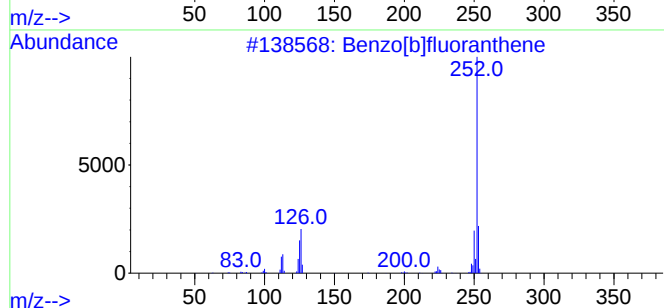
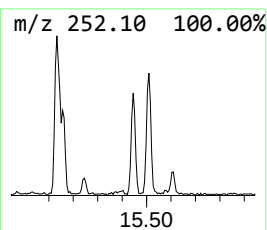
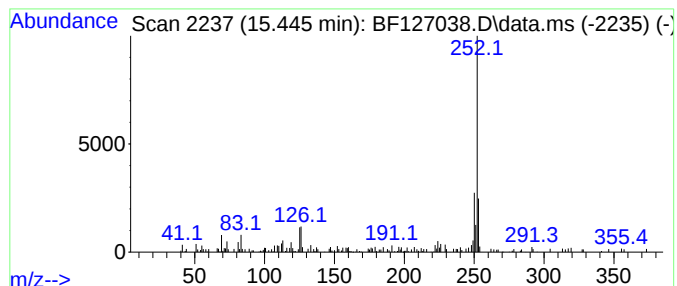
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	2.68 ng	55645	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
2			Perylene	252	C20H12	000198-55-0	91
3			Benzo[a]pyrene	252	C20H12	000050-32-8	87
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
5			Benzo[e]pyrene	252	C20H12	000192-97-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127038.D
Acq On : 23 Feb 2022 14:35
Operator : CG\JU
Sample : N1635-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Phenanthrene, 2...	11.963	2.1	ng	96997	4	11.434	909357	20.0
Anthracene, 9-m...	12.045	2.5	ng	112808	4	11.434	909357	20.0
Pyrene, 1-methyl-	13.092	2.7	ng	73150	5	14.080	543833	20.0
Fluoranthene, 2...	13.210	2.7	ng	72299	5	14.080	543833	20.0
11H-Benzo[a]flu...	13.716	2.5	ng	68474	5	14.080	543833	20.0
17-Pentatriacon...	13.916	7.3	ng	197774	5	14.080	543833	20.0
Perylene	15.445	2.7	ng	55645	6	15.574	414496	20.0