

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144376.D
 Acq On : 26 Nov 2025 22:43
 Operator : RC/JU
 Sample : Q3714-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-11-24-2025

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144376.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	248	254	262	rBV	5659	11182	1.25%	0.140%
2	5.063	483	488	498	rBV	39195	58609	6.53%	0.734%
3	5.481	555	559	577	rBV	124761	208133	23.20%	2.606%
4	6.492	726	731	751	rBV	111664	200901	22.40%	2.515%
5	6.857	789	793	801	rBV	290634	379940	42.36%	4.757%
6	7.422	884	889	899	rBV	82784	120467	13.43%	1.508%
7	8.145	1006	1012	1020	rBV	332929	459066	51.18%	5.747%
8	9.216	1189	1194	1204	rBV	179669	227403	25.35%	2.847%
9	9.557	1244	1252	1255	rBV2	7460	11465	1.28%	0.144%
10	9.763	1283	1287	1292	rBV	16001	21691	2.42%	0.272%
11	9.898	1305	1310	1314	rBV	346358	438048	48.83%	5.484%
12	9.933	1314	1316	1325	rVB	22782	24696	2.75%	0.309%
13	10.104	1341	1345	1349	rBV2	11058	14832	1.65%	0.186%
14	10.451	1400	1404	1410	rBV	24068	32629	3.64%	0.408%
15	10.533	1410	1418	1422	rVV5	3735	10129	1.13%	0.127%
16	10.610	1425	1431	1439	rVB	19596	29682	3.31%	0.372%
17	10.692	1439	1445	1457	rVB	88012	123979	13.82%	1.552%
18	10.810	1460	1465	1472	rBV6	7616	13563	1.51%	0.170%
19	10.998	1490	1497	1500	rBV5	11082	18484	2.06%	0.231%
20	11.245	1535	1539	1542	rVV4	5634	9128	1.02%	0.114%
21	11.286	1542	1546	1553	rVB	16615	26531	2.96%	0.332%
22	11.392	1559	1564	1566	rBV	331426	461564	51.45%	5.778%
23	11.469	1573	1577	1581	rBV	44906	55464	6.18%	0.694%
24	11.627	1599	1604	1609	rBV	21967	34614	3.86%	0.433%
25	11.727	1617	1621	1625	rBV3	8332	10886	1.21%	0.136%
26	11.921	1645	1654	1658	rBV2	62530	137630	15.34%	1.723%
27	11.969	1659	1662	1665	rVV	15245	22567	2.52%	0.283%
28	12.010	1665	1669	1676	rVB	60112	110344	12.30%	1.381%
29	12.192	1696	1700	1702	rVV	25169	35509	3.96%	0.445%
30	12.221	1702	1705	1709	rVB	18179	24395	2.72%	0.305%
31	12.369	1728	1730	1733	rBV	9128	11669	1.30%	0.146%
32	12.445	1738	1743	1746	rBV	36011	55393	6.18%	0.693%
33	12.480	1746	1749	1755	rVB3	18169	32211	3.59%	0.403%
34	12.533	1755	1758	1762	rBV2	19927	27782	3.10%	0.348%
35	12.610	1766	1771	1776	rBV	390236	500733	55.82%	6.269%
36	12.704	1784	1787	1790	rBV	17267	19327	2.15%	0.242%

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Stop Thrs : 0

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37	12.763	1793	1797	1800	rVV	19932	26690	2.98%	0.334%
38	12.839	1803	1810	1816	rBV	365415	548317	61.13%	6.865%
39	12.892	1816	1819	1823	rVB2	25336	32720	3.65%	0.410%
40	12.974	1827	1833	1841	rVB	204573	314812	35.09%	3.941%
41	13.057	1842	1847	1854	rBV5	40816	85828	9.57%	1.075%
42	13.163	1858	1865	1869	rBV	61278	112684	12.56%	1.411%
43	13.204	1869	1872	1874	rBV	17573	22309	2.49%	0.279%
44	13.233	1874	1877	1880	rVV2	38866	46674	5.20%	0.584%
45	13.268	1880	1883	1891	rVB3	46185	76869	8.57%	0.962%
46	13.363	1896	1899	1902	rVV	24929	34725	3.87%	0.435%
47	13.398	1902	1905	1914	rVB3	28399	58301	6.50%	0.730%
48	13.545	1927	1930	1934	rBV	34696	49822	5.55%	0.624%
49	13.680	1950	1953	1957	rBV	26958	33347	3.72%	0.417%
50	13.786	1968	1971	1974	rBV2	32531	46643	5.20%	0.584%
51	13.880	1983	1987	1992	rVB3	68977	118922	13.26%	1.489%
52	14.039	2008	2014	2018	rBV2	509646	897029	100.00%	11.230%
53	14.192	2037	2040	2045	rBV2	70805	92356	10.30%	1.156%
54	14.498	2089	2092	2098	rBV3	70910	99140	11.05%	1.241%
55	14.810	2142	2145	2149	rVB	47595	55472	6.18%	0.694%
56	15.092	2188	2193	2200	rBV	158519	356350	39.73%	4.461%
57	15.398	2242	2245	2251	rVB	77249	110192	12.28%	1.380%
58	15.462	2252	2256	2261	rVV	115277	178866	19.94%	2.239%
59	15.527	2262	2267	2281	rVB2	286084	522658	58.27%	6.543%
60	17.021	2517	2521	2527	rVB2	46533	86331	9.62%	1.081%

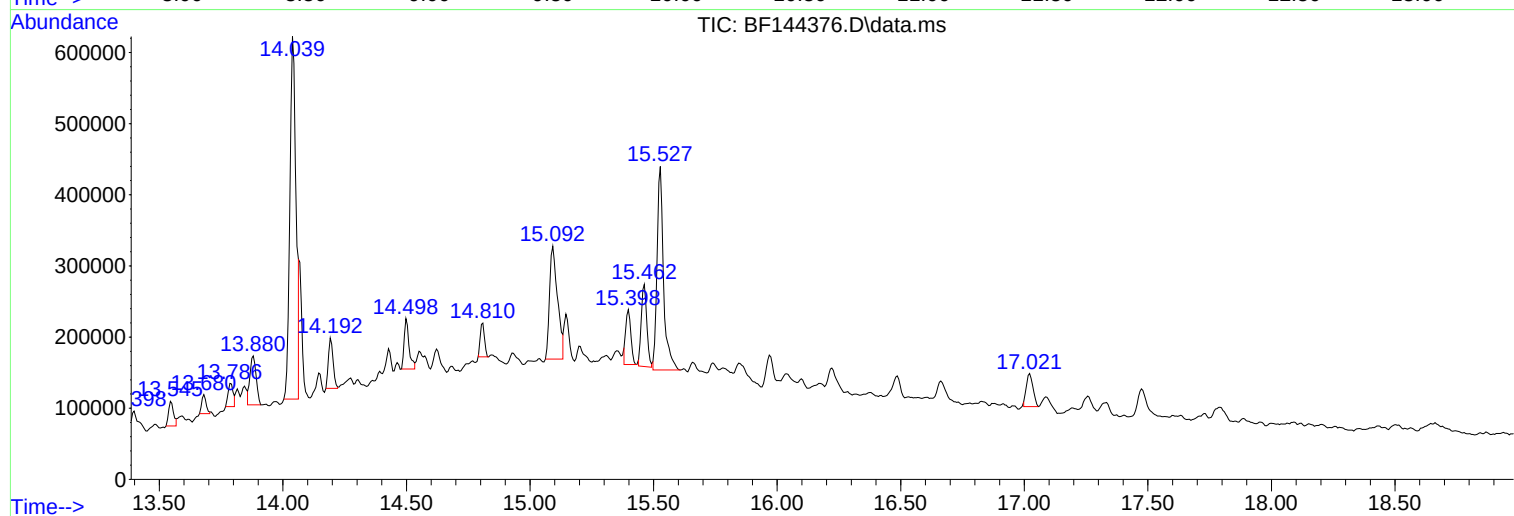
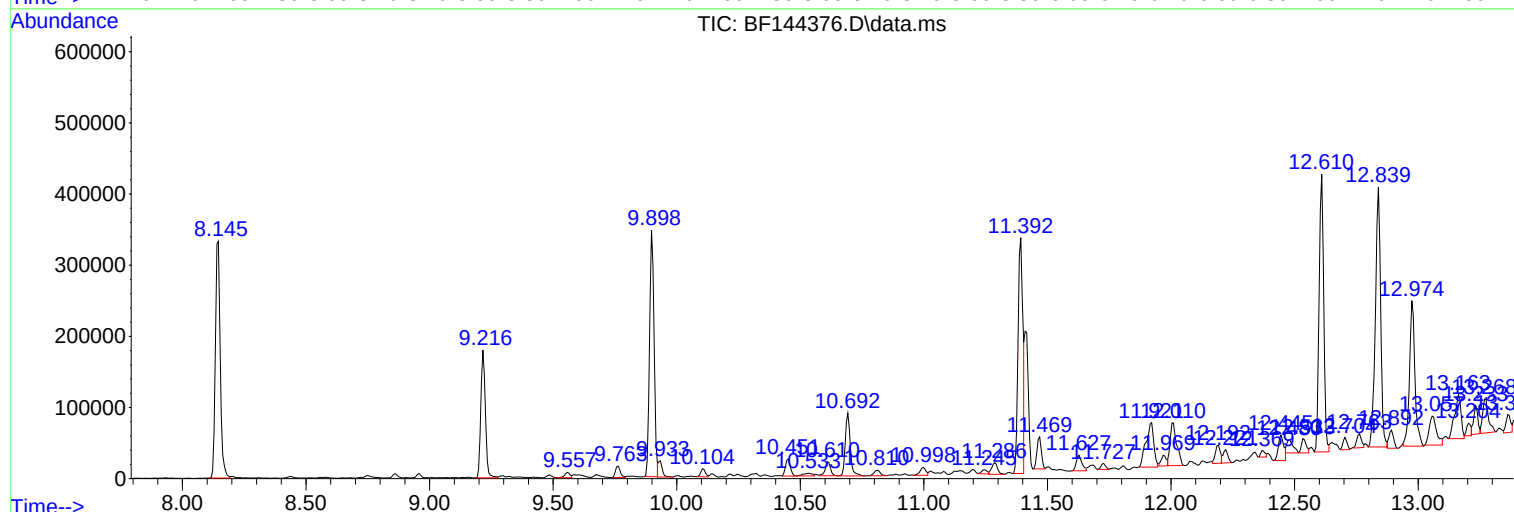
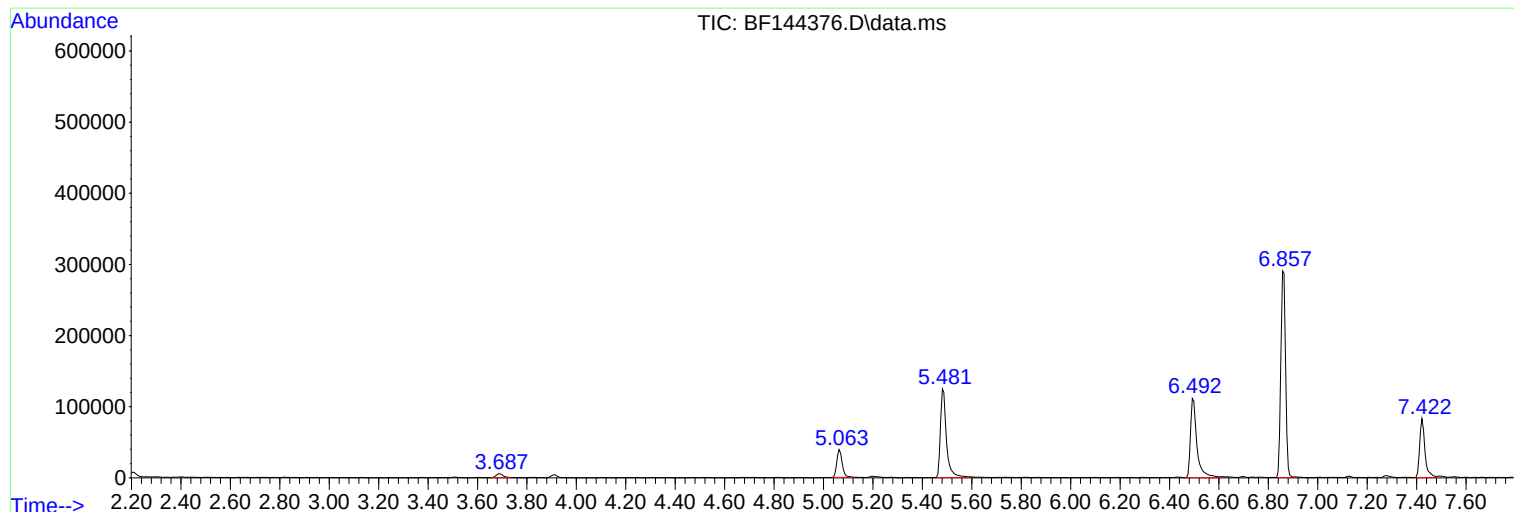
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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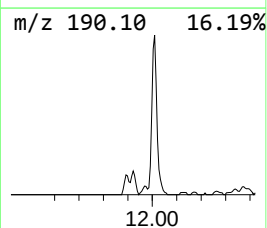
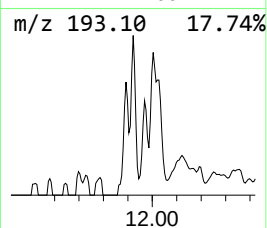
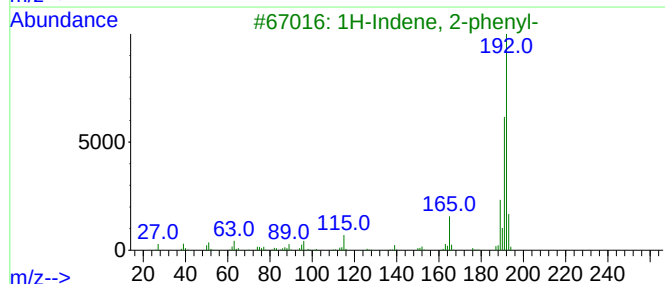
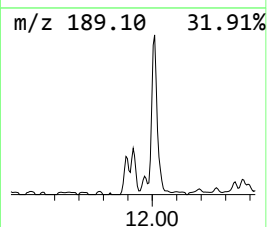
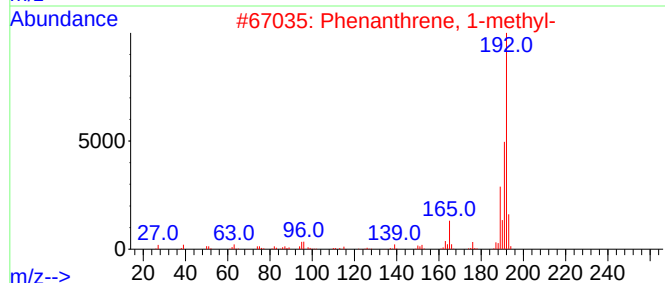
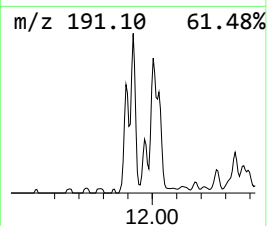
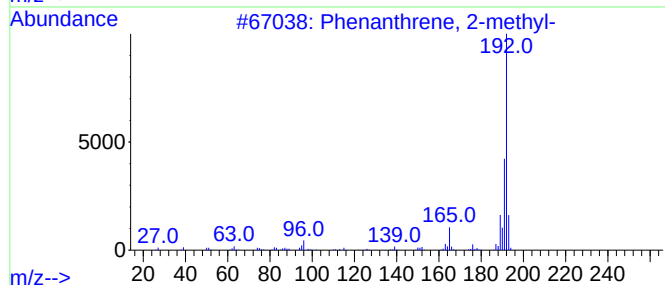
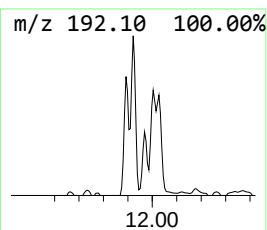
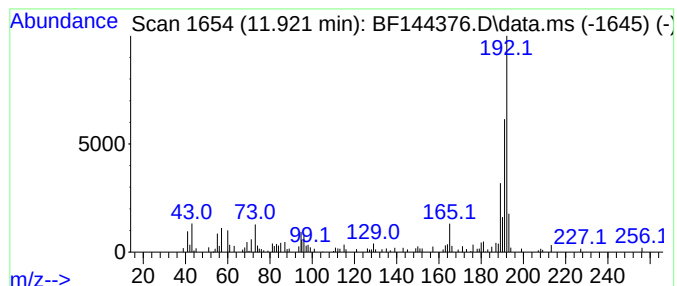
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.96 ng	137630	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



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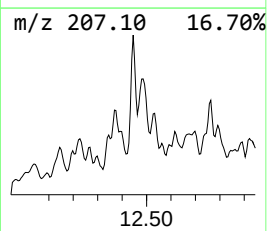
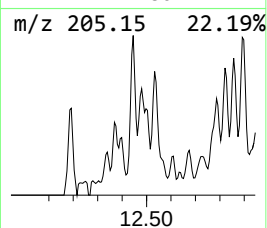
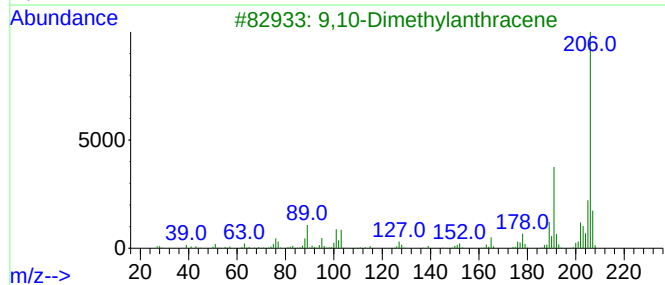
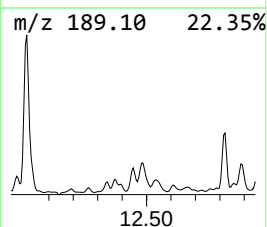
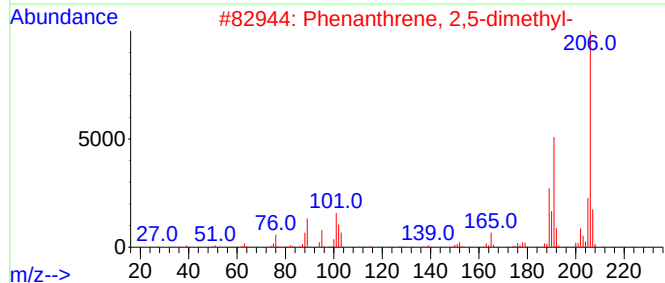
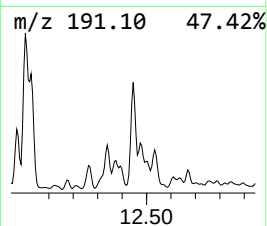
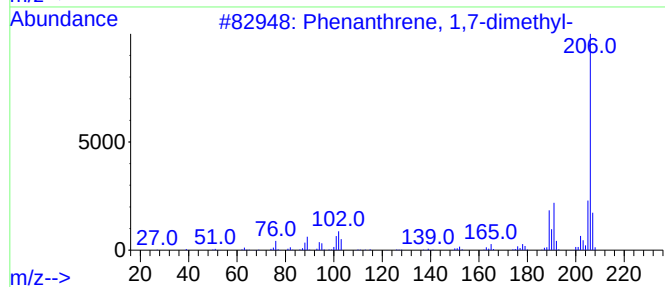
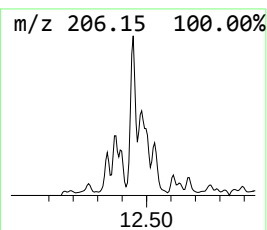
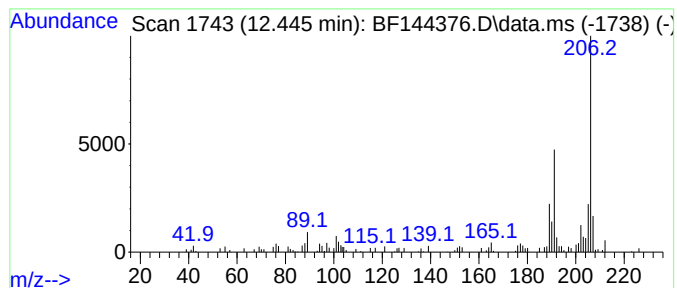
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.40 ng	55393	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87



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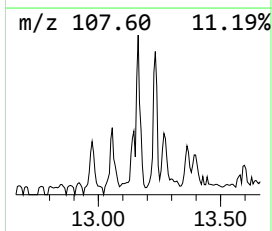
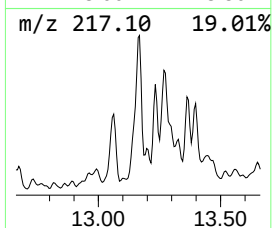
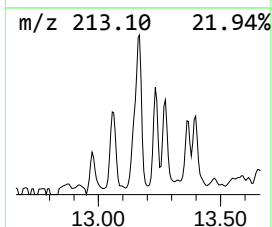
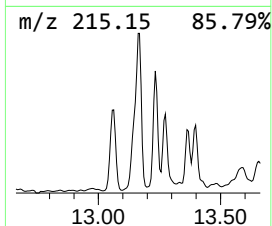
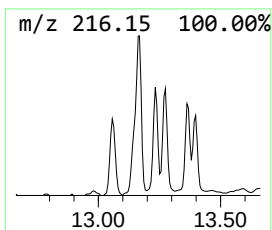
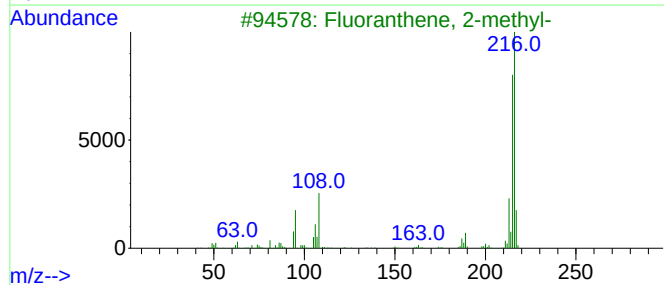
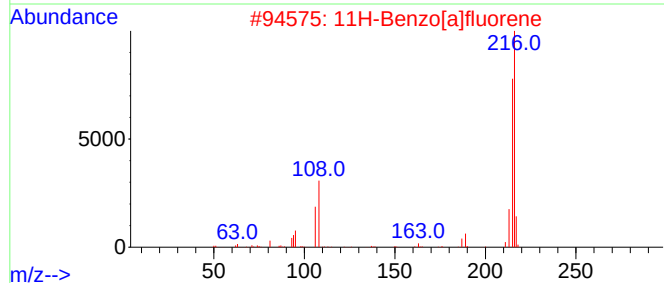
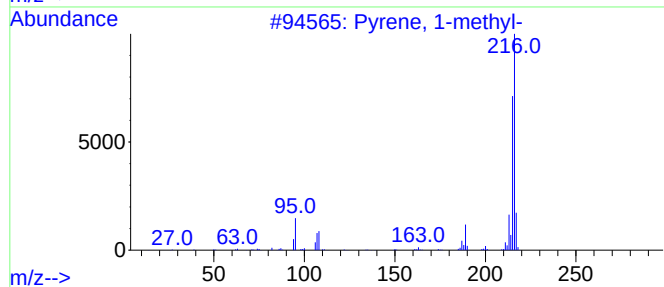
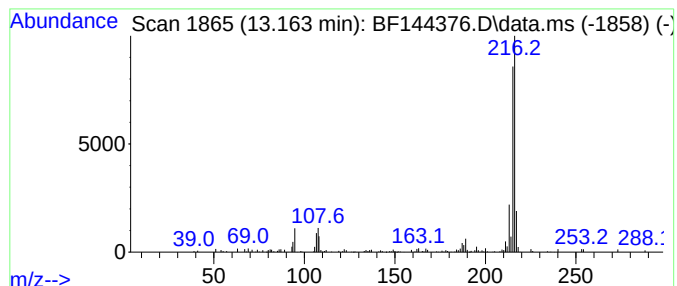
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.51 ng	112684	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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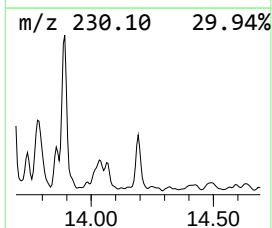
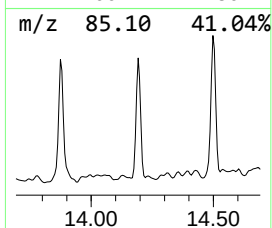
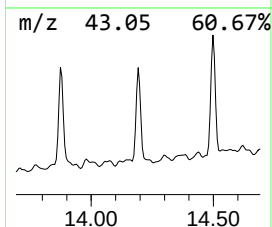
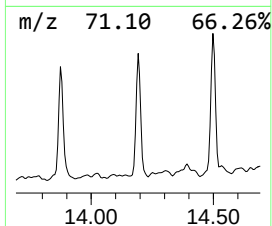
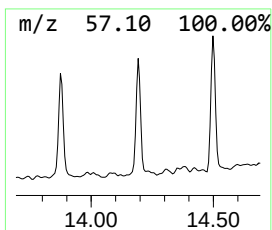
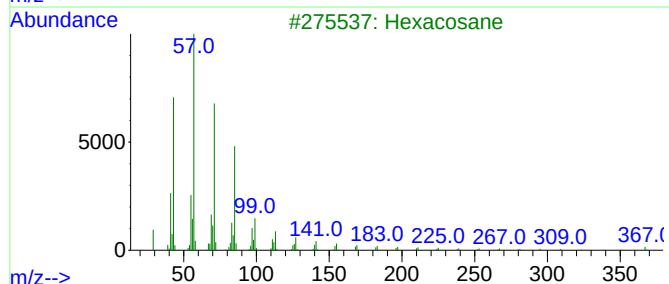
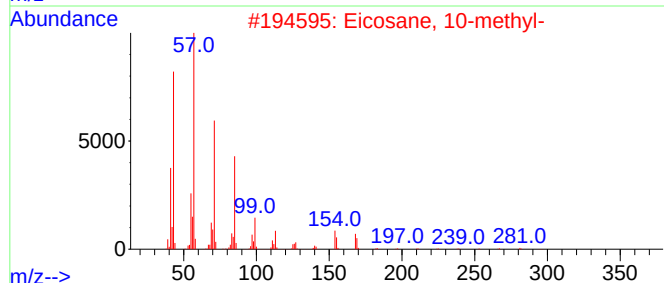
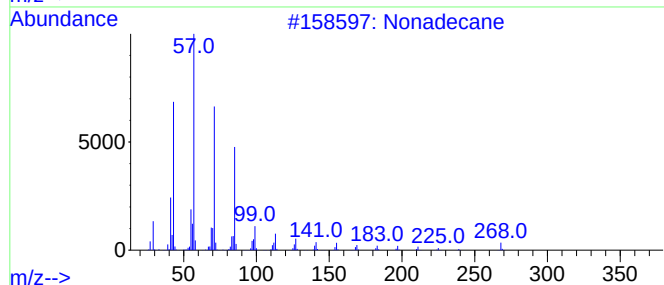
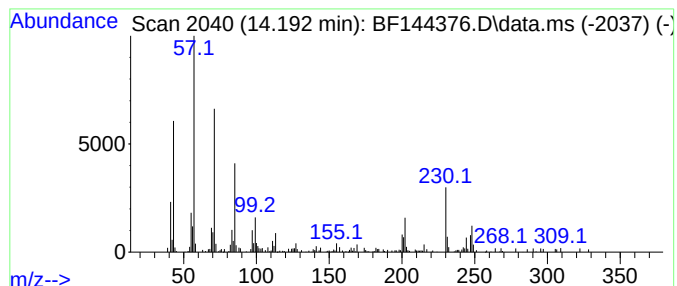
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.06 ng	92356	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	92
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
3			Hexacosane	366	C26H54	000630-01-3	64
4			Octacosane	394	C28H58	000630-02-4	58
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53



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OR-03-11-24-2025

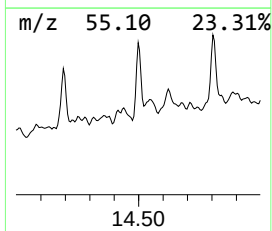
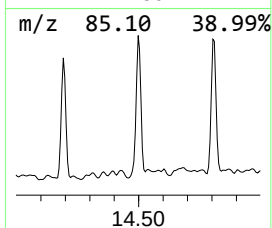
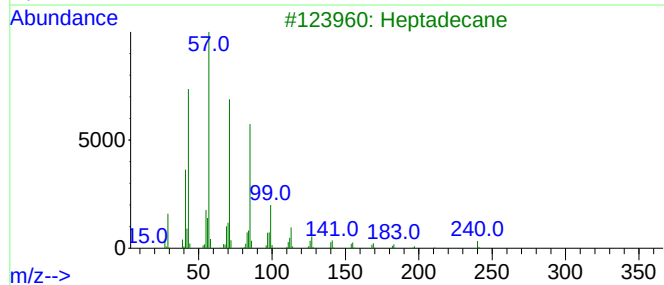
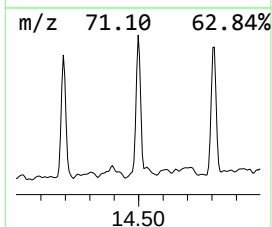
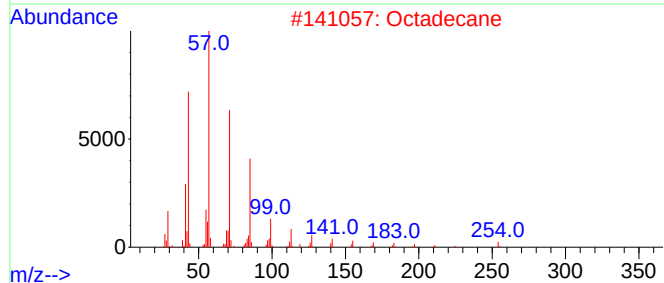
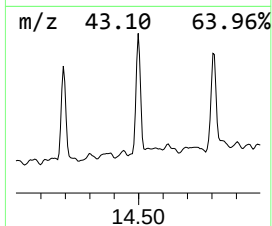
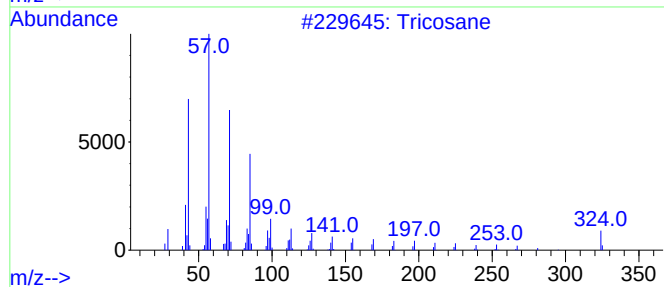
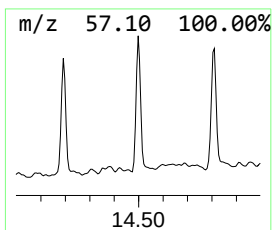
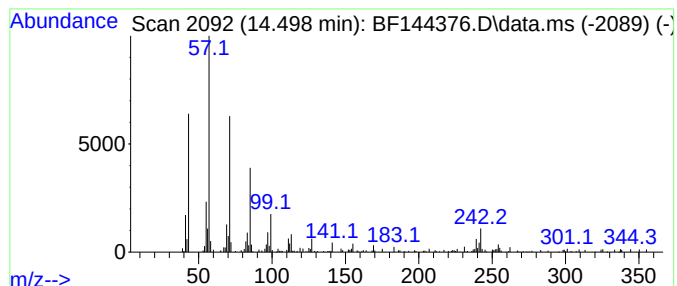
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	2.21 ng	99140	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	91
2			Octadecane	254	C18H38	000593-45-3	90
3			Heptadecane	240	C17H36	000629-78-7	89
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144376.D
Acq On : 26 Nov 2025 22:43
Operator : RC/JU
Sample : Q3714-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-11-24-2025

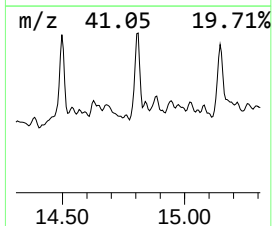
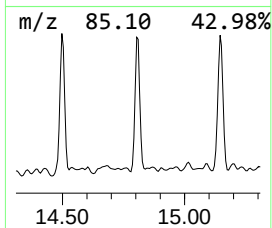
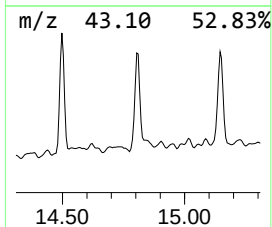
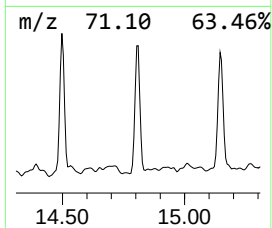
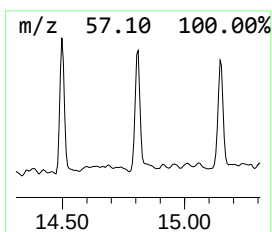
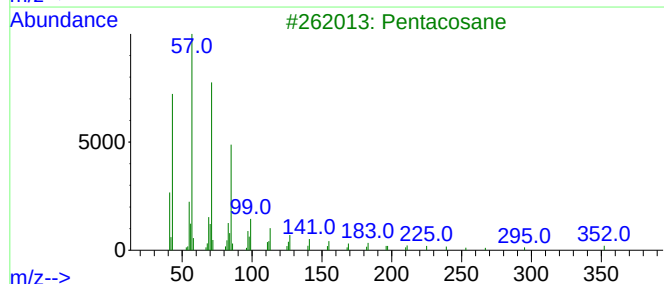
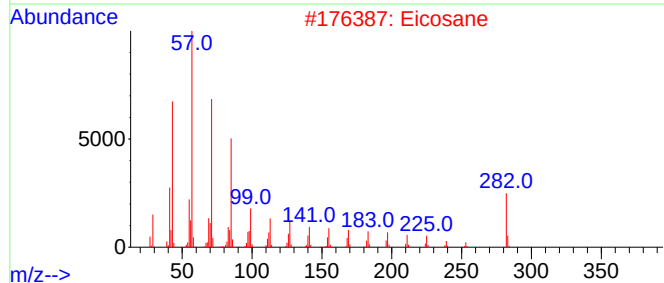
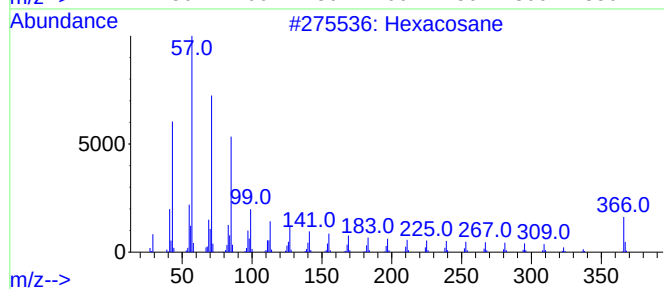
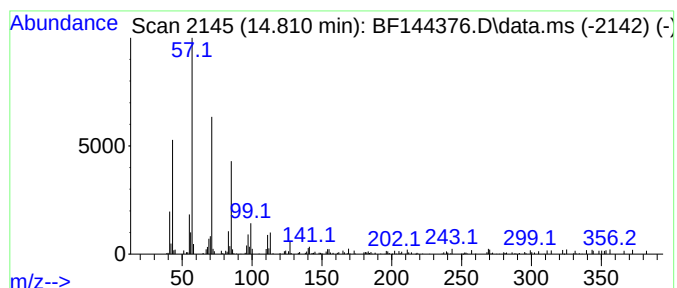
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	2.12 ng	55472	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Eicosane	282	C20H42	000112-95-8	87
3			Pentacosane	352	C25H52	000629-99-2	86
4			Heneicosane	296	C21H44	000629-94-7	83
5			1-Iodoundecane	282	C11H23I	004282-44-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144376.D
Acq On : 26 Nov 2025 22:43
Operator : RC/JU
Sample : Q3714-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-11-24-2025

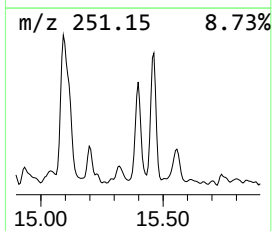
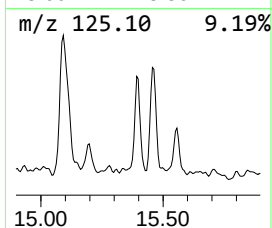
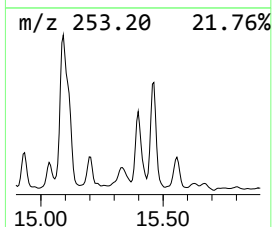
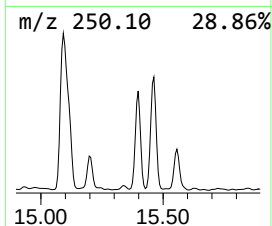
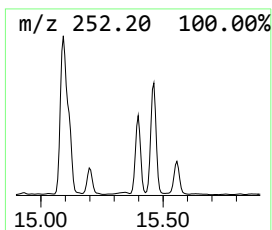
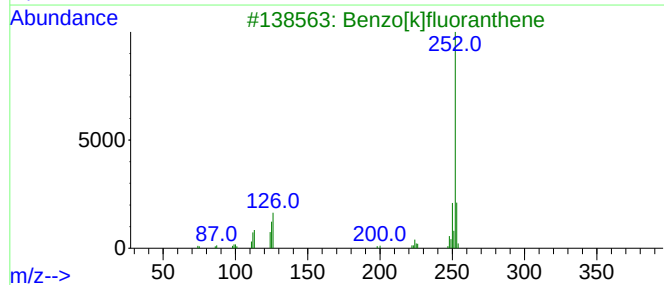
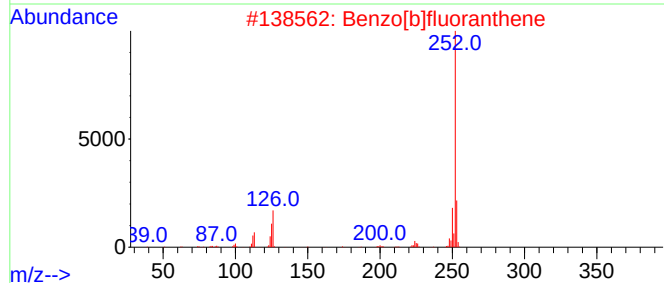
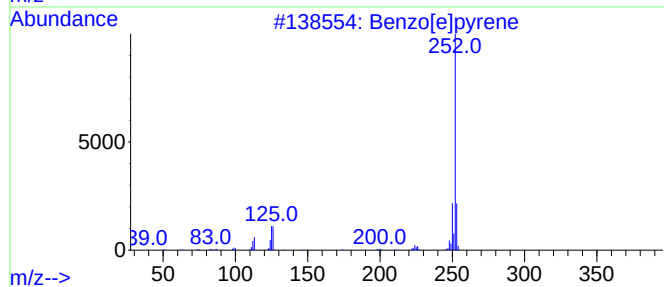
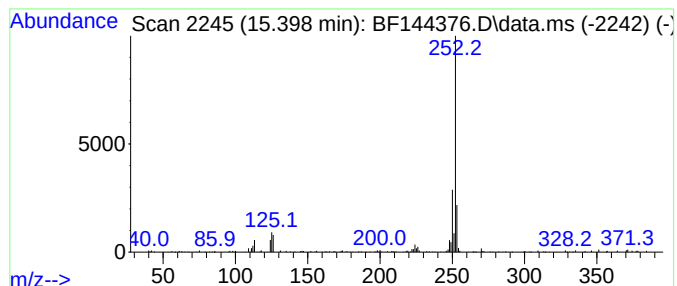
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	4.22 ng	110192	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144376.D
Acq On : 26 Nov 2025 22:43
Operator : RC/JU
Sample : Q3714-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-11-24-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	11.922	6.0	ng	137630	4	11.392	461564	20.0
Phenanthrene, 1...	12.445	2.4	ng	55393	4	11.392	461564	20.0
Pyrene, 1-methyl-	13.163	2.5	ng	112684	5	14.045	897029	20.0
Nonadecane	14.192	2.1	ng	92356	5	14.045	897029	20.0
Tricosane	14.498	2.2	ng	99140	5	14.045	897029	20.0
Hexacosane	14.810	2.1	ng	55472	6	15.527	522658	20.0
Benzo[e]pyrene	15.398	4.2	ng	110192	6	15.527	522658	20.0