LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131889.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	291	296	301	rBV	21268	28629	2.50%	0.272%
2	5.016	493	498	506	rVB	427101	487857	42.53%	4.632%
3	5.387	557	561	564	rBV	29197	29627	2.58%	0.281%
4	5.428	564	568	576	rVB	1305717	1129390	98.45%	10.722%
5	5.651	603	606	610	rBV	16962	15313	1.33%	0.145%
6	6.451	738	742	745	rBV	1303280	1114536	97.16%	10.581%
7	6.639	771	774	778	rBV2	15712	15599	1.36%	0.148%
8	6.816	801	804	808	rBV	383912	304532	26.55%	2.891%
9	7.386	896	901	904	rBV	879354	727684	63.43%	6.908%
10	8.104	1020	1023	1027	rBV	367972	341167	29.74%	3.239%
11	9.186	1203	1207	1210	rBV	1436610	1147161	100.00%	10.891%
12	9.869	1319	1323	1326	rVB	464106	352542	30.73%	3.347%
13	10.586	1440	1445	1449	rBV3	13416	16884	1.47%	0.160%
14	10.657	1454	1457	1461	rBV	712848	661537	57.67%	6.280%
15	11.363	1573	1577	1579	rBV	395874	348611	30.39%	3.310%
16	11.386	1579	1581	1584	rVV	127667	100329	8.75%	0.952%
17	11.433	1586	1589	1592	rVB	27735	25967	2.26%	0.247%
18	11.469	1592	1595	1598	rBV4	11022	14170	1.24%	0.135%
19	11.863	1658	1662	1664	rBV	24327	22928	2.00%	0.218%
20	11.892	1664	1667	1671	rVB2	61719	60593	5.28%	0.575%
21	11.939	1671	1675	1678	rVB2	16077	15721	1.37%	0.149%
22	11.974	1678	1681	1684	rBV	37789	44981	3.92%	0.427%
23	12.163	1711	1713	1715	rVB	20862	16790	1.46%	0.159%
24	12.186	1715	1717	1721	rBV	17820	15940	1.39%	0.151%
25	12.416	1752	1756	1758	rBV	24017	26172	2.28%	0.248%
26	12.451	1759	1762	1764	rVV3	20750	24208	2.11%	0.230%
27	12.504	1768	1771	1775	rVV2	16819	21115	1.84%	0.200%
28	12.580	1780	1784	1787	rBV	260194	225478	19.66%	2.141%
29	12.810	1817	1823	1827	rBV	256438	264876	23.09%	2.515%
30	12.951	1843	1847	1854	rVB	1170267	1020930	89.00%	9.692%
31	13.033	1856	1861	1864	rBV3	23174	41651	3.63%	0.395%
32	13.116	1872	1875	1876	rBV2	20551	21894	1.91%	0.208%
33	13.133	1876	1878	1882	rVB	33675	38749	3.38%	0.368%
34	13.180	1883	1886	1888	rVV3	16842	15988	1.39%	0.152%
35	13.204	1888	1890	1892	rVB	17798	13839	1.21%	0.131%
36	13.239	1892	1896	1899	rBV2	36287	42547	3.71%	0.404%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.298	1904	1906	1909	rBV4	12726	15963	1.39%	0.152%
38	13.333	1909	1912	1915	rBV2	25253	26703	2.33%	0.254%
39	13.368	1915	1918	1920	rBV	17171	16310	1.42%	0.155%
40	13.433	1926	1929	1931	rBV2	26059	24265	2.12%	0.230%
41	13.521	1942	1944	1947	rVB2	23186	19884	1.73%	0.189%
42	13.651	1963	1966	1970	rVB	23178	21917	1.91%	0.208%
43	13.763	1982	1985	1987	rBV2	21513	21927	1.91%	0.208%
44	13.786	1987	1989	1991	rBV	17506	13949	1.22%	0.132%
45	13.857	1998	2001	2012	rVB2	125161	169818	14.80%	1.612%
46	14.010	2023	2027	2030	rBV2	359412	426921	37.22%	4.053%
47	14.039	2030	2032	2034	rVB	97286	73369	6.40%	0.697%
48	14.110	2040	2044	2049	rBV	247454	249424	21.74%	2.368%
49	14.774	2154	2157	2161	rBV3	64415	77679	6.77%	0.737%
50	15.057	2203	2205	2213	rVB	81032	141630	12.35%	1.345%
51	15.368	2255	2258	2265	rVB	51804	64970	5.66%	0.617%
52	15.433	2265	2269	2272	rBV	72597	90215	7.86%	0.856%
53	15.498	2275	2280	2287	rVB	190663	282363	24.61%	2.681%

Sum of corrected areas: 10533242

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
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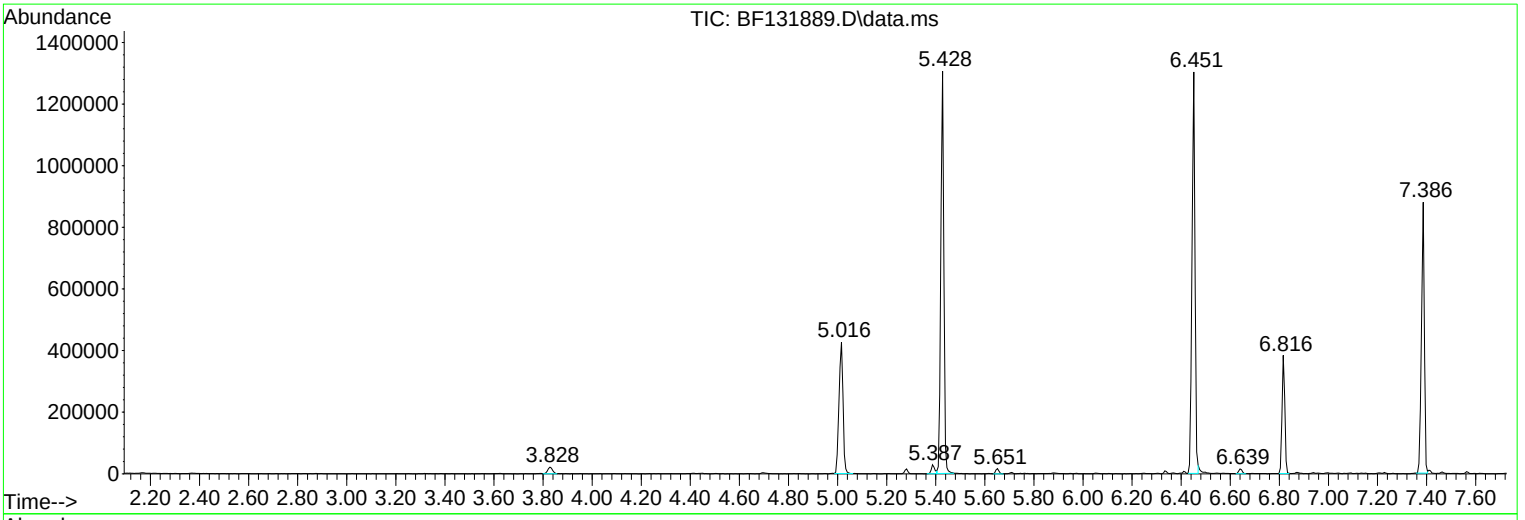
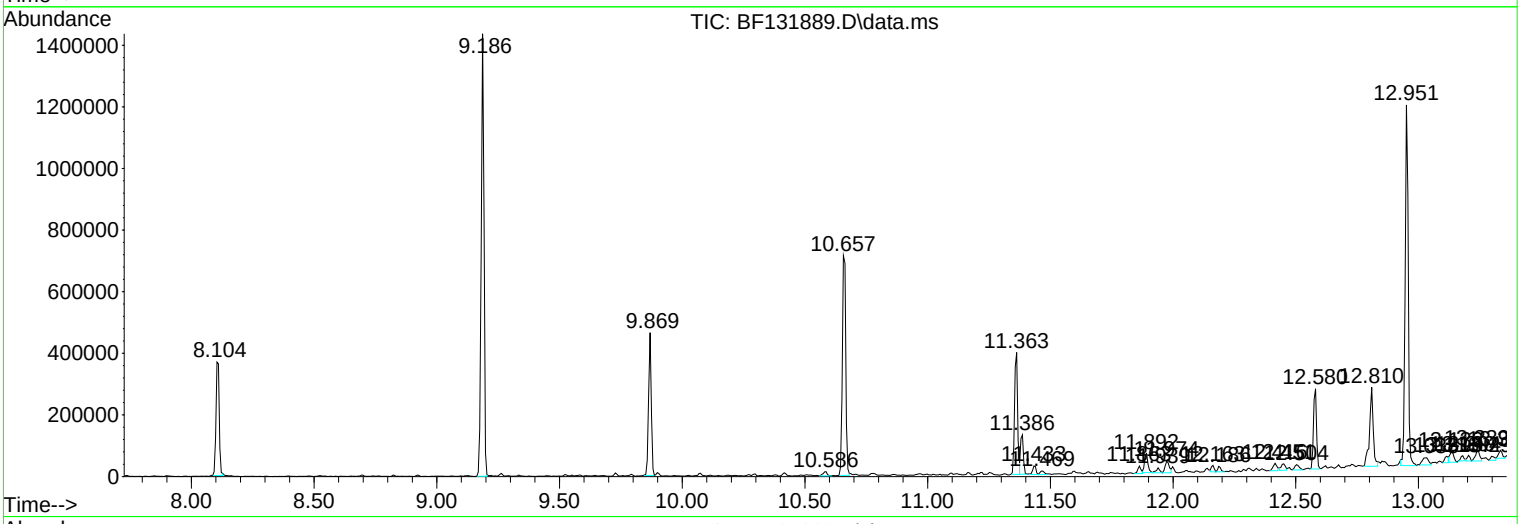
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

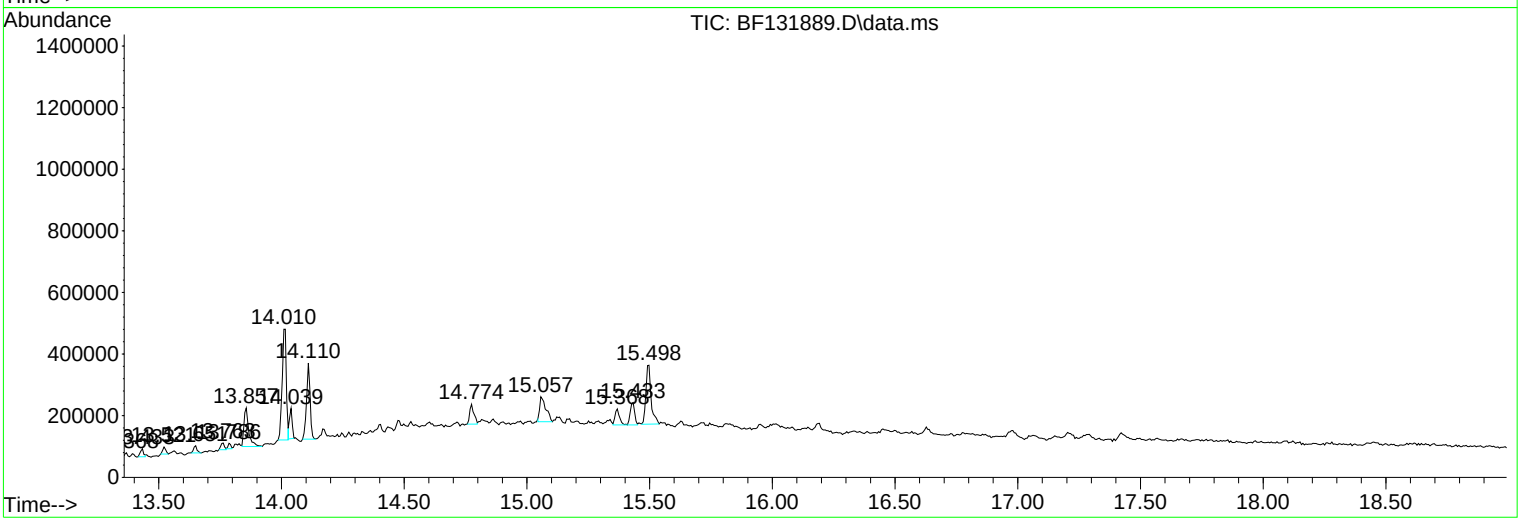
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
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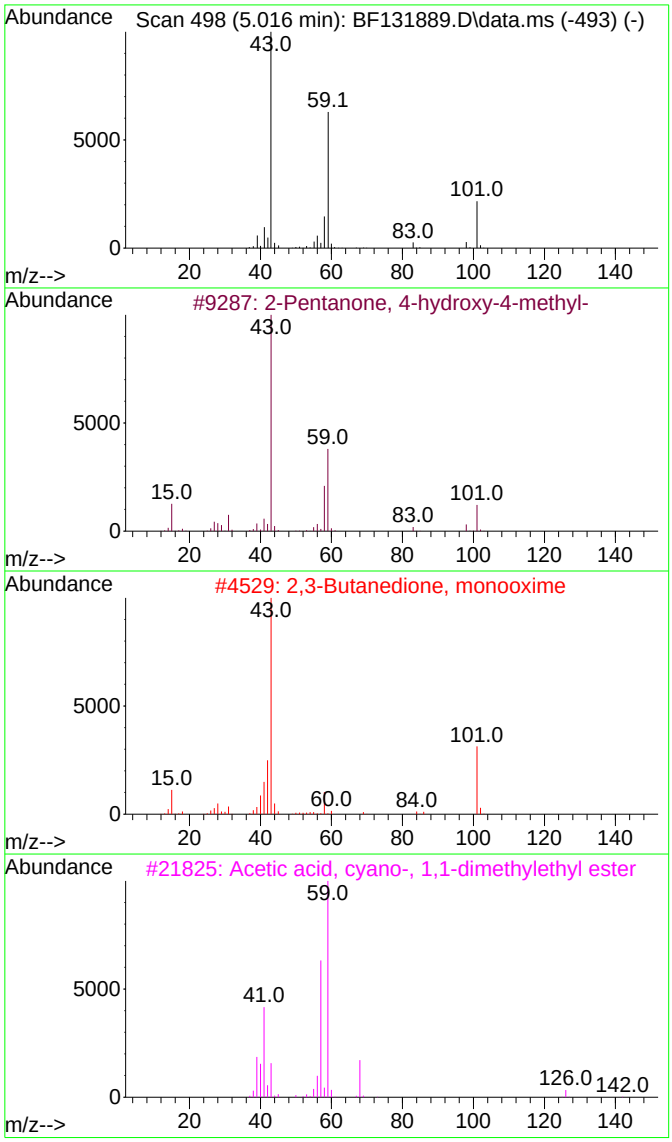
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

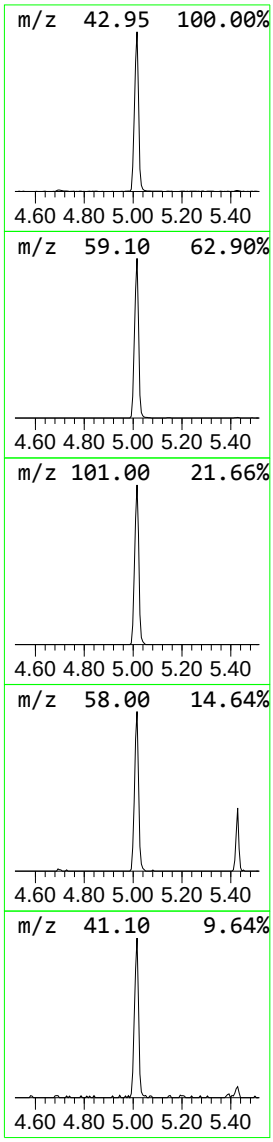
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	32.04 ng	487857	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

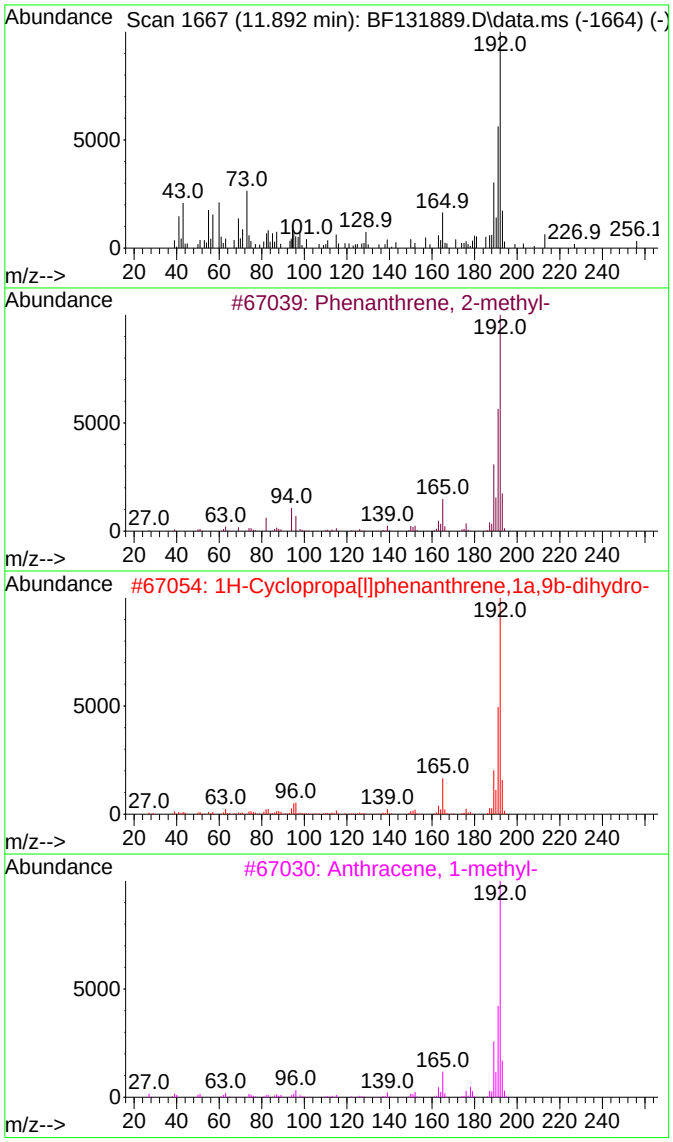
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

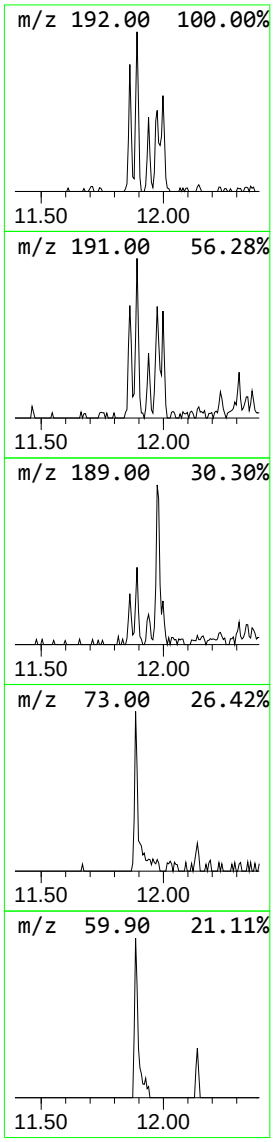
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.48 ng	60593	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

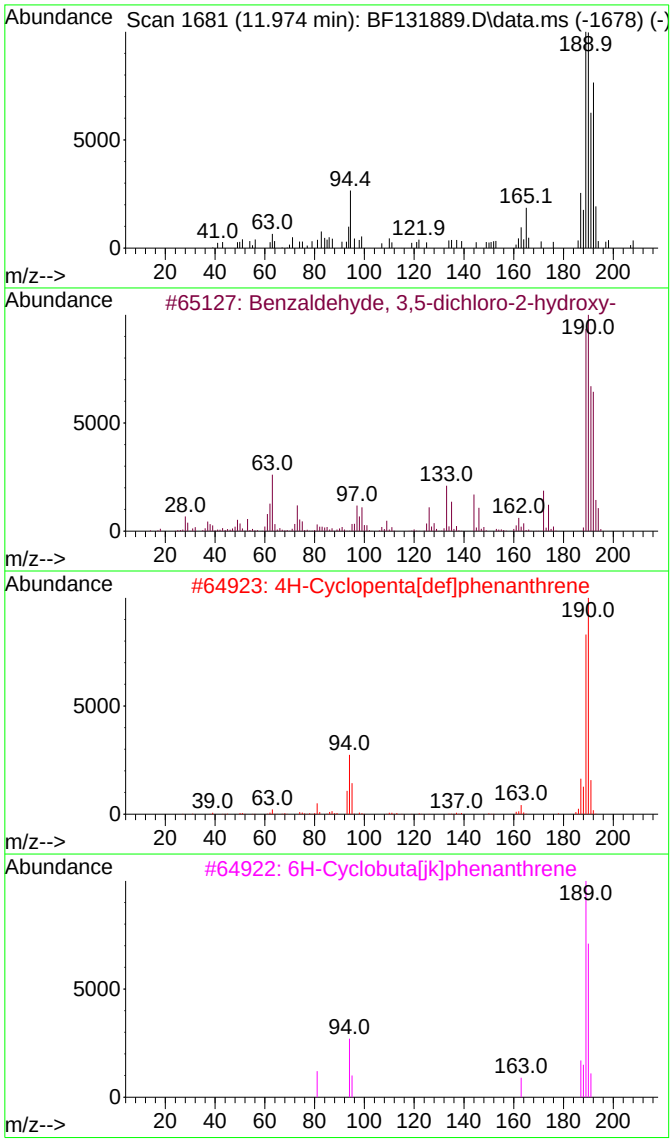
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

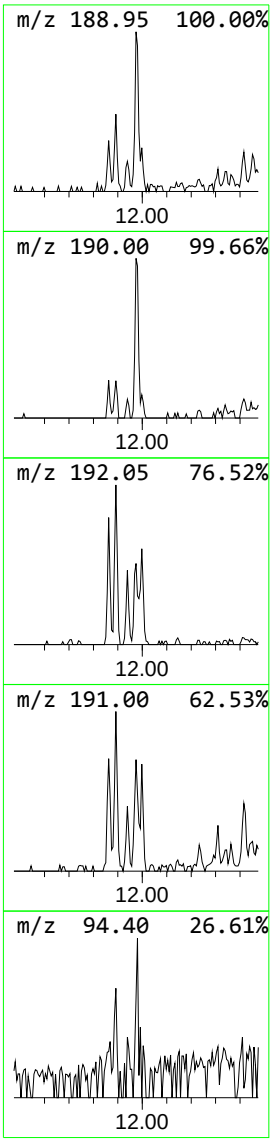
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	2.58 ng	44981	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

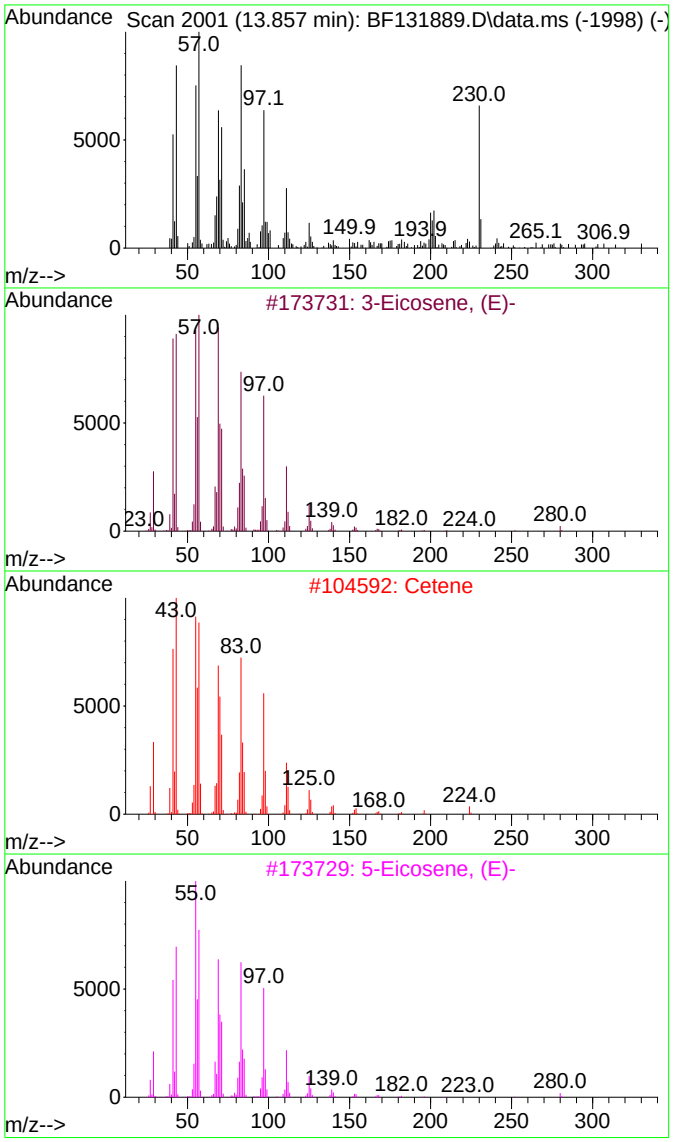
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

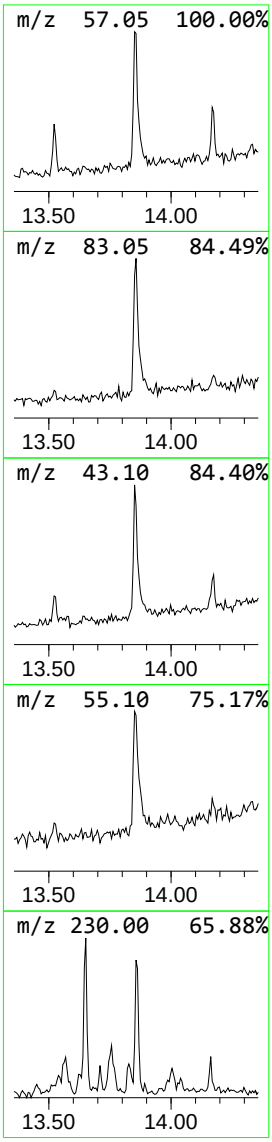
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	7.96 ng	169818	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
2	Cetene	224	C16H32	000629-73-2	83
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	70
5	17-Pentatriacontene	491	C35H70	006971-40-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

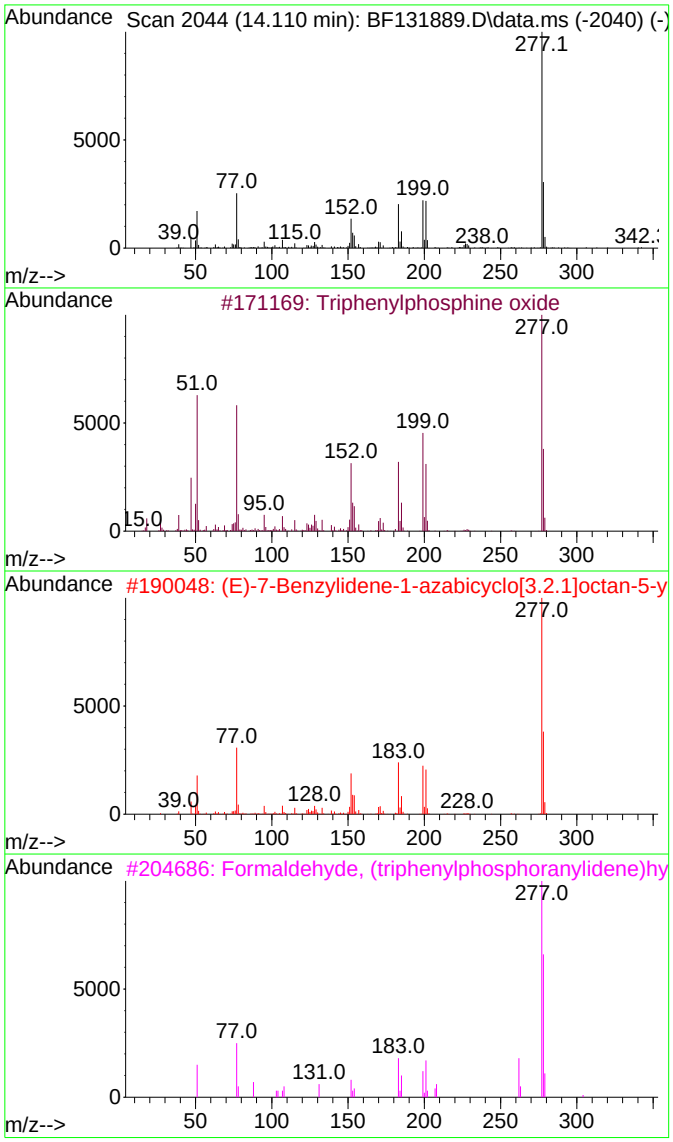
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

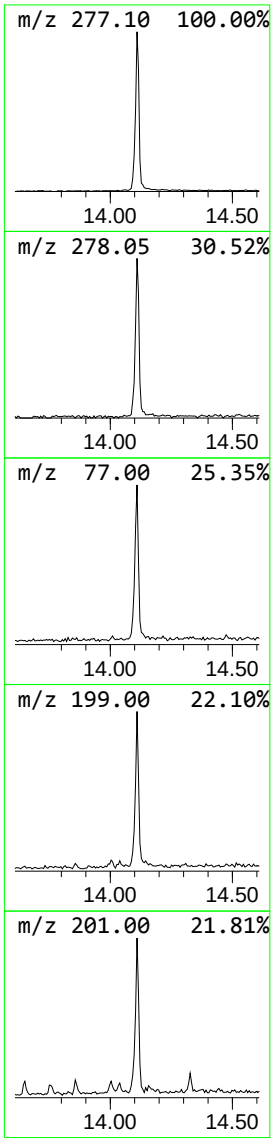
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	11.68 ng	249424	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	70
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	38
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	35





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

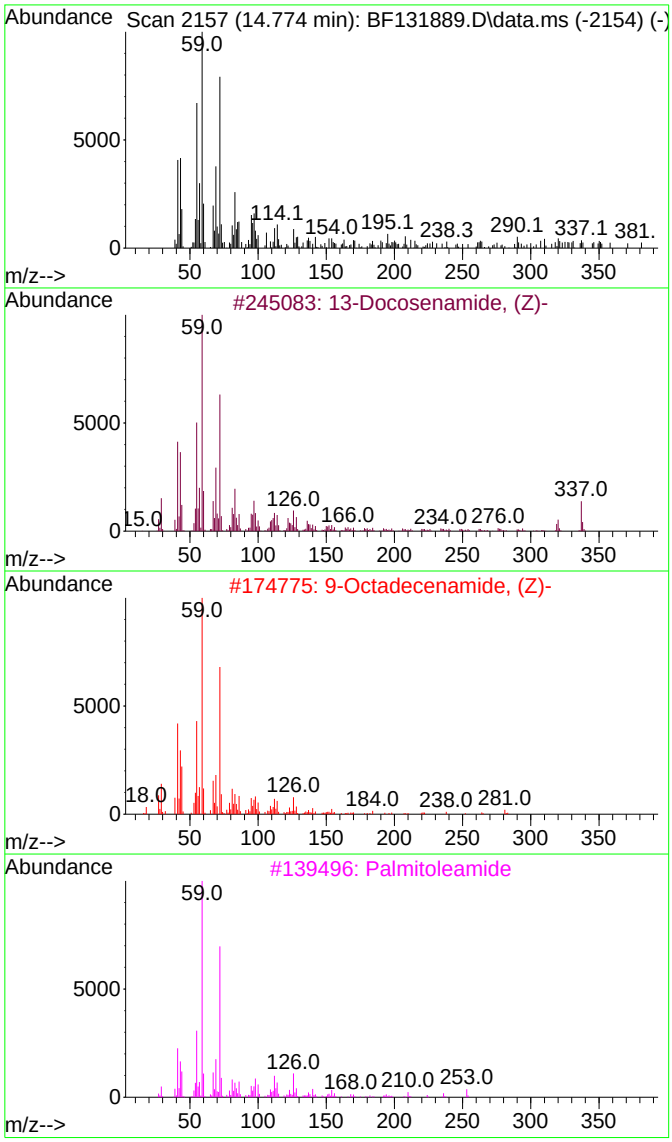
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

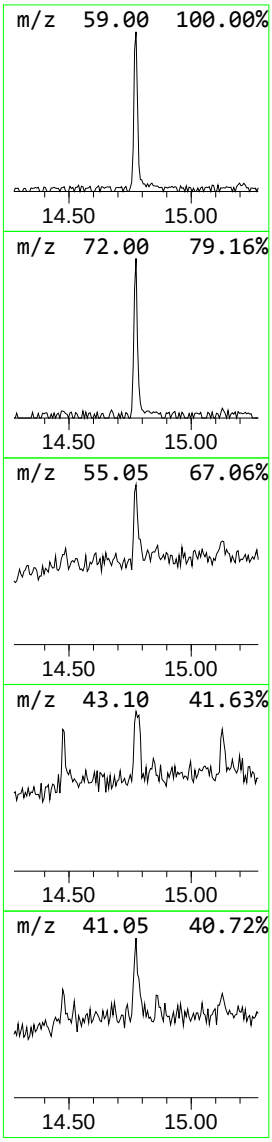
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	5.50 ng	77679	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
3	Palmitoleamide	253	C16H31NO	106010-22-4	64
4	Nonadecanamide	297	C19H39NO	058185-32-3	50
5	Dodecanamide	199	C12H25NO	001120-16-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

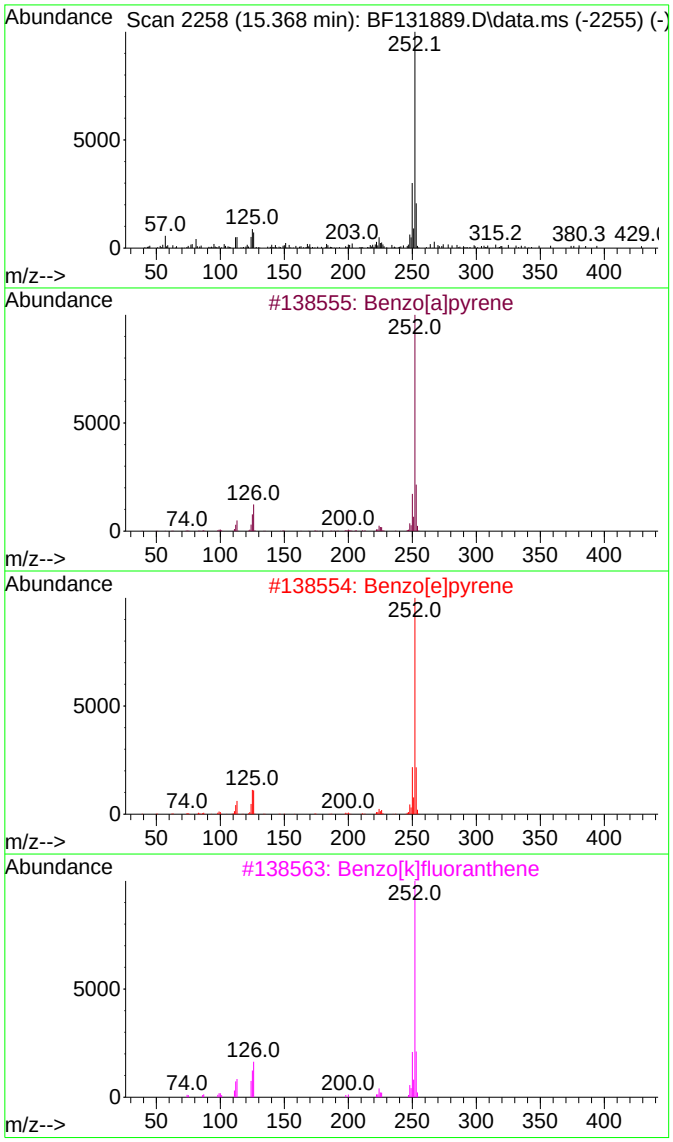
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

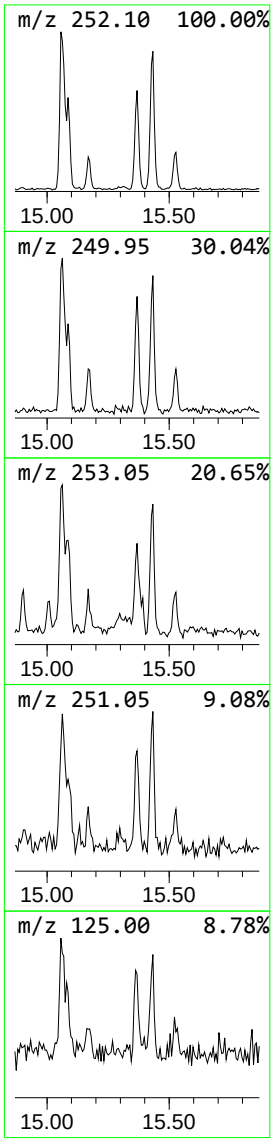
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	4.60 ng	64970	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131889.D
Acq On : 29 Dec 2022 21:00
Operator : CG\JU
Sample : N6228-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.016	32.0	ng	487857	1	6.816	304532	20.0
Phenanthrene, 2...	11.892	3.5	ng	60593	4	11.363	348611	20.0
Benzaldehyde, 3...	11.974	2.6	ng	44981	4	11.363	348611	20.0
3-Eicosene, (E)-	13.857	8.0	ng	169818	5	14.015	426921	20.0
Triphenylphosph...	14.110	11.7	ng	249424	5	14.015	426921	20.0
13-Docosenamide...	14.774	5.5	ng	77679	6	15.492	282363	20.0
Benzo[e]pyrene	15.368	4.6	ng	64970	6	15.492	282363	20.0