LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135026.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	21	rVB2	29546	46363	1.64%	0.191%
2	5.010	492	497	510	rVB	95199	132813	4.70%	0.547%
3	5.404	559	564	567	rBV	2924864	2816828	99.67%	11.604%
4	6.410	730	735	738	rBV	2801713	2826161	100.00%	11.643%
5	6.604	763	768	773	rBV	53152	55151	1.95%	0.227%
6	6.769	793	796	800	rBV	1006143	830997	29.40%	3.423%
7	7.334	887	892	895	rBV	1999663	1794621	63.50%	7.393%
8	8.051	1009	1014	1017	rBV	1291627	1104083	39.07%	4.548%
9	9.128	1192	1197	1201	rBV	2943284	2796422	98.95%	11.520%
10	9.245	1213	1217	1221	rVB2	39974	47477	1.68%	0.196%
11	9.669	1286	1289	1293	rVB	56387	47330	1.67%	0.195%
12	9.810	1304	1313	1316	rBV	1284921	1114312	39.43%	4.591%
13	9.839	1316	1318	1322	rVB	42416	34251	1.21%	0.141%
14	10.010	1342	1347	1352	rBV	34775	33497	1.19%	0.138%
15	10.357	1403	1406	1411	rVB	48545	44593	1.58%	0.184%
16	10.598	1443	1447	1451	rBV	1699289	1540851	54.52%	6.348%
17	10.728	1466	1469	1475	rVB2	25006	28352	1.00%	0.117%
18	11.104	1530	1533	1537	rVB	39498	34182	1.21%	0.141%
19	11.192	1546	1548	1555	rVB	34984	35856	1.27%	0.148%
20	11.298	1562	1566	1568	rBV	1054628	889614	31.48%	3.665%
21	11.322	1568	1570	1574	rVV	521692	413151	14.62%	1.702%
22	11.375	1576	1579	1582	rVB	60966	50923	1.80%	0.210%
23	11.533	1600	1606	1608	rBV	32804	31975	1.13%	0.132%
24	11.633	1620	1623	1627	rVB3	35078	33468	1.18%	0.138%
25	11.710	1631	1636	1640	rVB4	20020	34459	1.22%	0.142%
26	11.804	1648	1652	1654	rBV	87800	78764	2.79%	0.324%
27	11.833	1654	1657	1662	rVB	242523	225871	7.99%	0.931%
28	11.916	1667	1671	1673	rVV	122290	126986	4.49%	0.523%
29	11.939	1673	1675	1680	rVB	67006	57473	2.03%	0.237%
30	12.104	1700	1703	1705	rBV	49911	48684	1.72%	0.201%
31	12.128	1705	1707	1714	rVB2	74060	68334	2.42%	0.282%
32	12.357	1742	1746	1749	rBV	69220	72317	2.56%	0.298%
33	12.392	1749	1752	1754	rVV3	32811	40190	1.42%	0.166%
34	12.445	1758	1761	1764	rBV	47802	54235	1.92%	0.223%
35	12.522	1770	1774	1778	rVB	475674	453306	16.04%	1.867%
36	12.628	1787	1792	1794	rBV3	42395	53643	1.90%	0.221%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.751	1807	1813	1816	rBV	435762	483854	17.12%	1.993%
38	12.804	1819	1822	1826	rVB3	35015	43211	1.53%	0.178%
39	12.898	1834	1838	1841	rBV	2033750	1718537	60.81%	7.080%
40	12.969	1845	1850	1854	rBV2	49600	71000	2.51%	0.292%
41	13.057	1862	1865	1867	rBV3	42449	54543	1.93%	0.225%
42	13.080	1867	1869	1872	rVB	78637	65817	2.33%	0.271%
43	13.145	1872	1880	1883	rBV3	53421	85704	3.03%	0.353%
44	13.180	1883	1886	1891	rBV2	62988	70219	2.48%	0.289%
45	13.275	1894	1902	1905	rBV	62858	99444	3.52%	0.410%
46	13.310	1905	1908	1910	rBV	49710	48095	1.70%	0.198%
47	13.592	1953	1956	1960	rVB	59330	58859	2.08%	0.242%
48	13.704	1970	1975	1977	rBV2	68376	92204	3.26%	0.380%
49	13.810	1989	1993	2001	rVB3	102822	171048	6.05%	0.705%
50	13.957	2012	2018	2020	rBV2	852053	932644	33.00%	3.842%
51	13.980	2020	2022	2028	rVB	243219	228944	8.10%	0.943%
52	14.133	2046	2048	2053	rVB5	30542	39338	1.39%	0.162%
53	14.345	2080	2084	2088	rBV2	136145	155351	5.50%	0.640%
54	14.380	2088	2090	2094	rVB3	47455	46640	1.65%	0.192%
55	14.439	2094	2100	2103	rBV8	45814	82092	2.90%	0.338%
56	14.751	2148	2153	2155	rBV3	23333	35625	1.26%	0.147%
57	14.821	2162	2165	2171	rBV5	30441	50686	1.79%	0.209%
58	14.998	2191	2195	2205	rVB	193743	372726	13.19%	1.535%
59	15.298	2242	2246	2253	rVB	113138	136177	4.82%	0.561%
60	15.363	2253	2257	2262	rBV	142149	177399	6.28%	0.731%
61	15.427	2263	2268	2272	rBV	535073	674876	23.88%	2.780%
62	16.898	2513	2518	2526	rVB2	54830	116375	4.12%	0.479%
63	17.345	2589	2594	2599	rVB	35238	65030	2.30%	0.268%

Sum of corrected areas: 24273971

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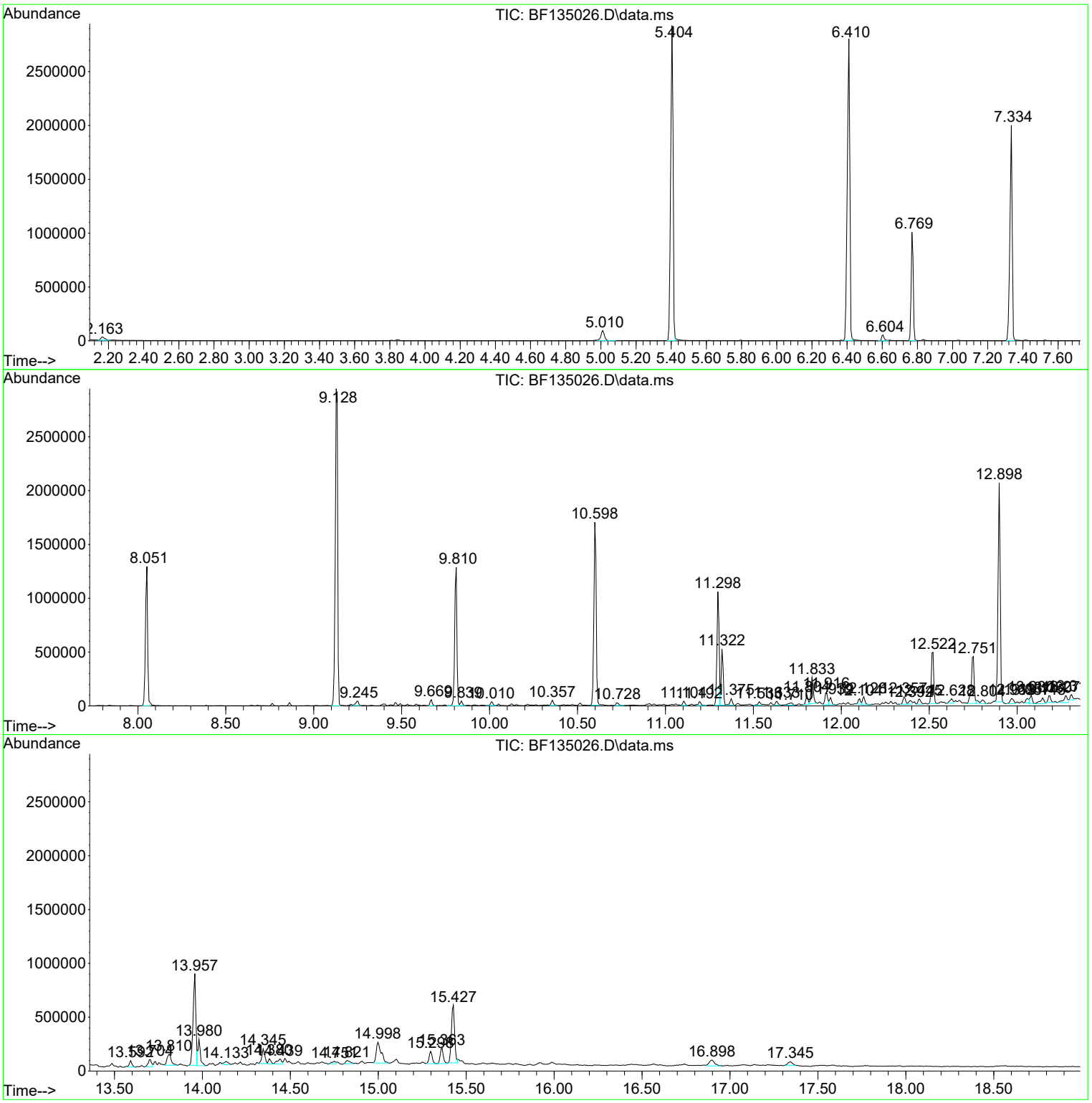
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
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Instrument :
BNA_F
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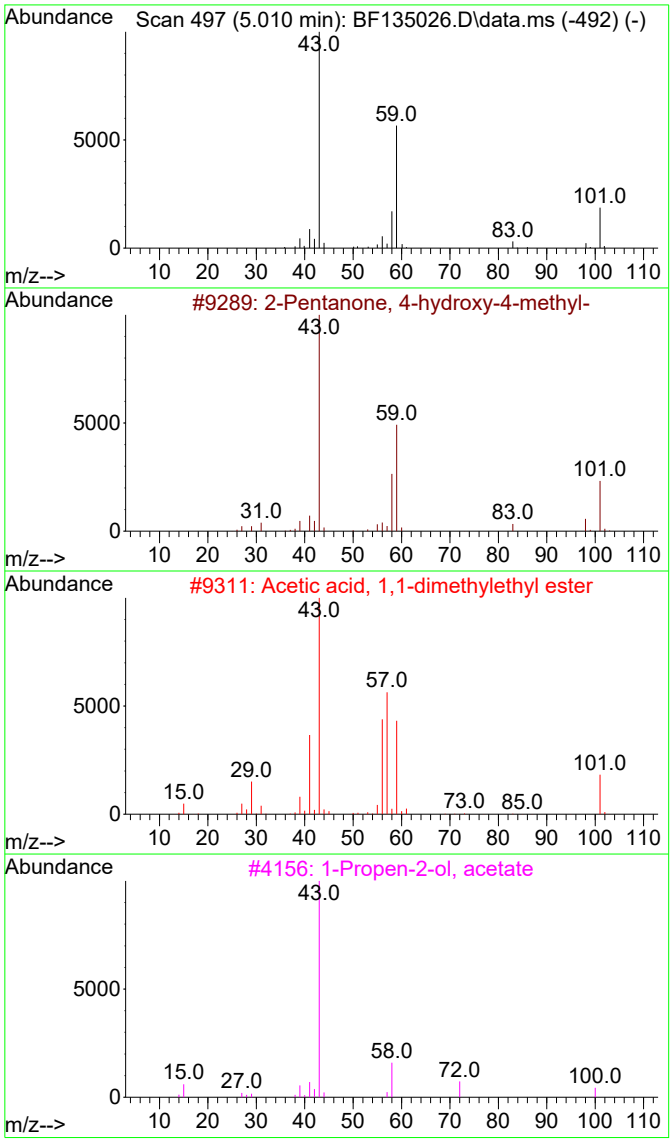
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

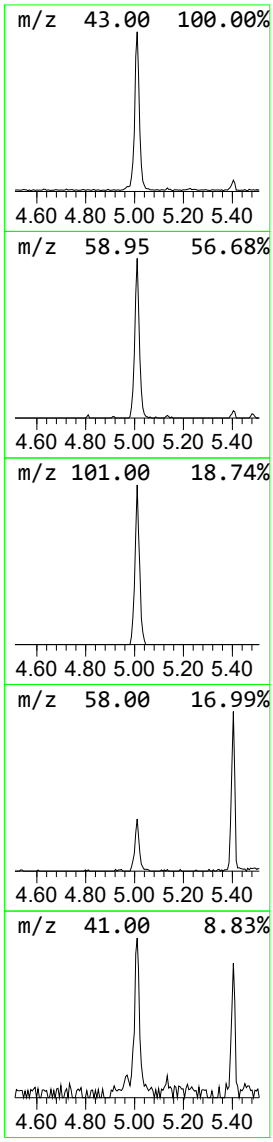
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	3.20 ng	132813	1,4-Dichlorobenzene-d4	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Acetone	58	C3H6O	000067-64-1	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

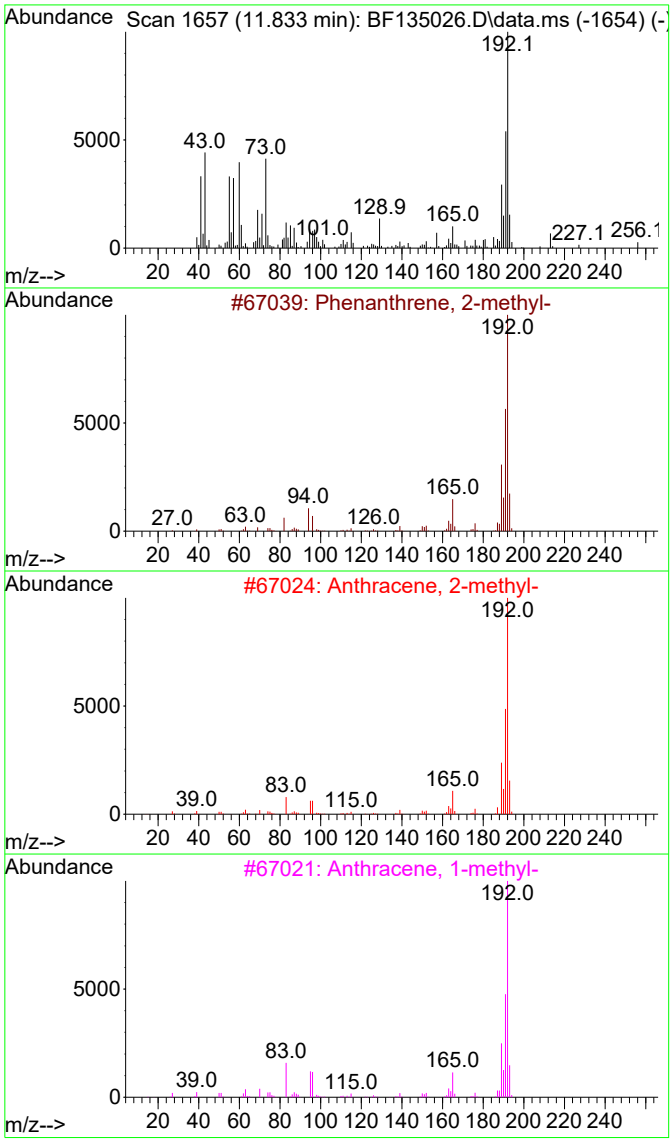
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

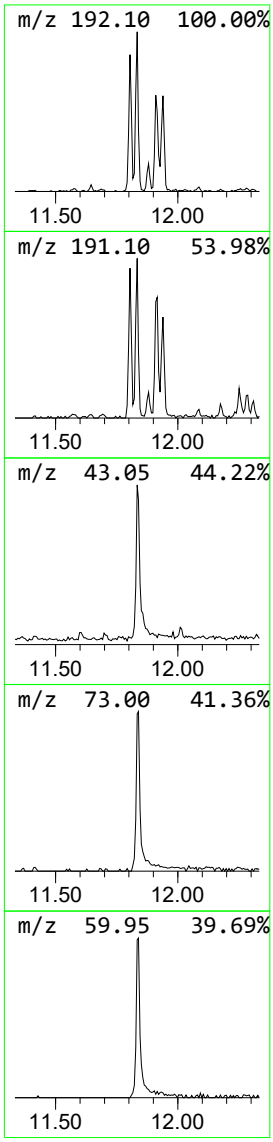
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	5.08 ng	225871	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

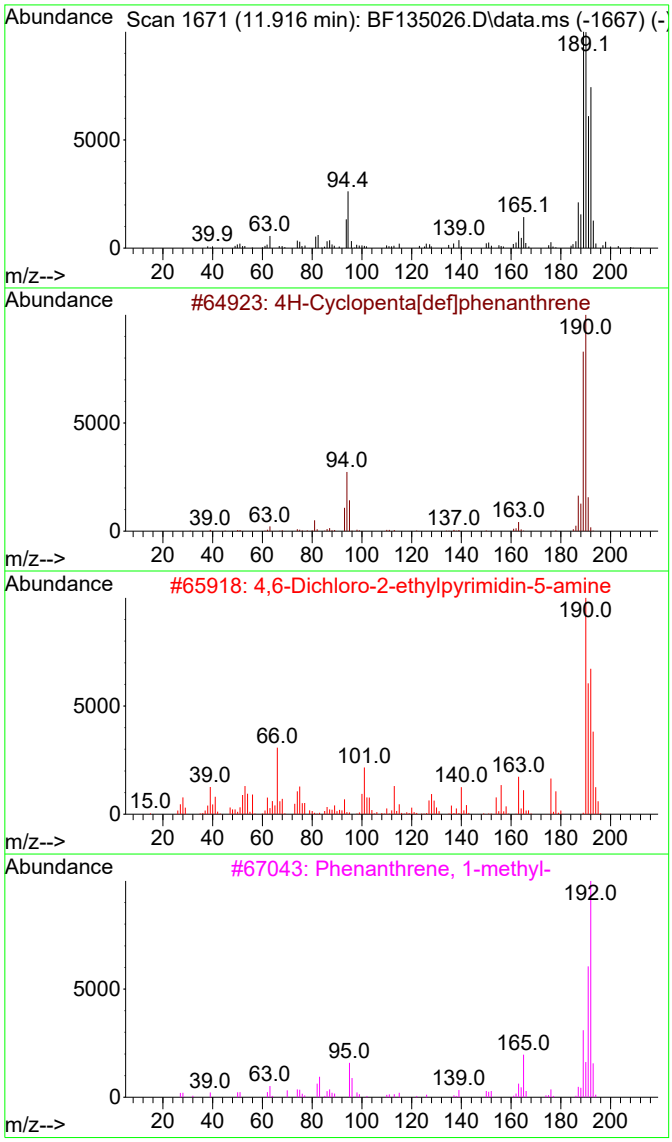
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

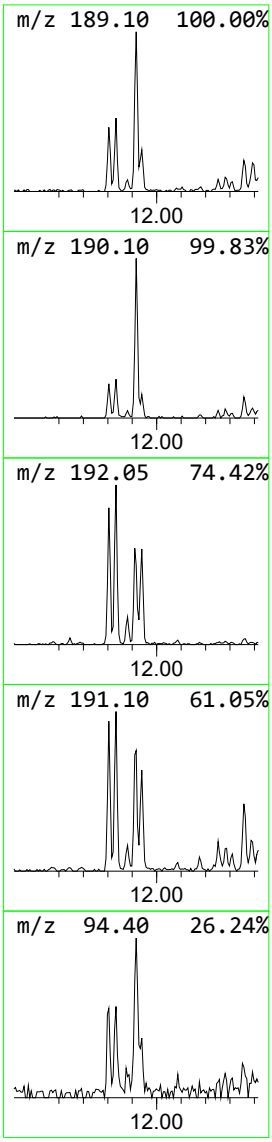
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.85 ng	126986	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
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Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

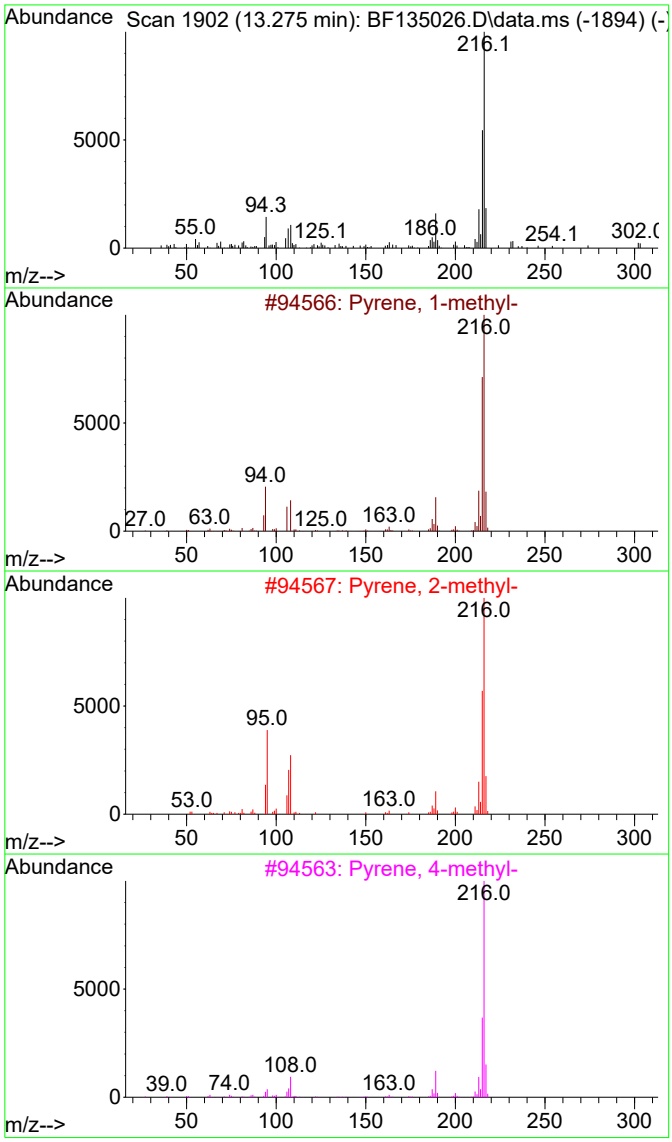
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

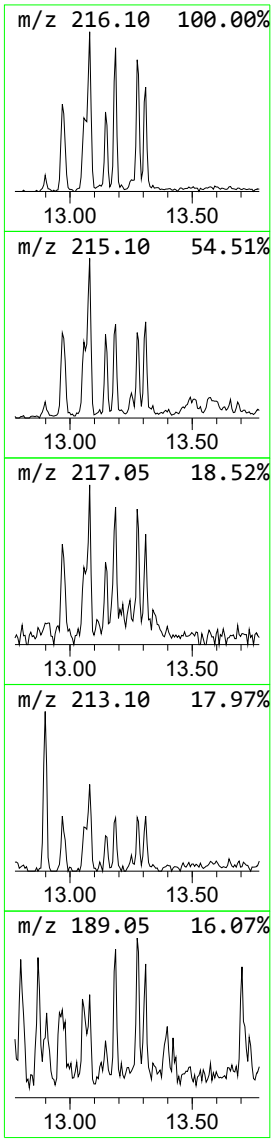
****

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	2.13 ng	99444	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

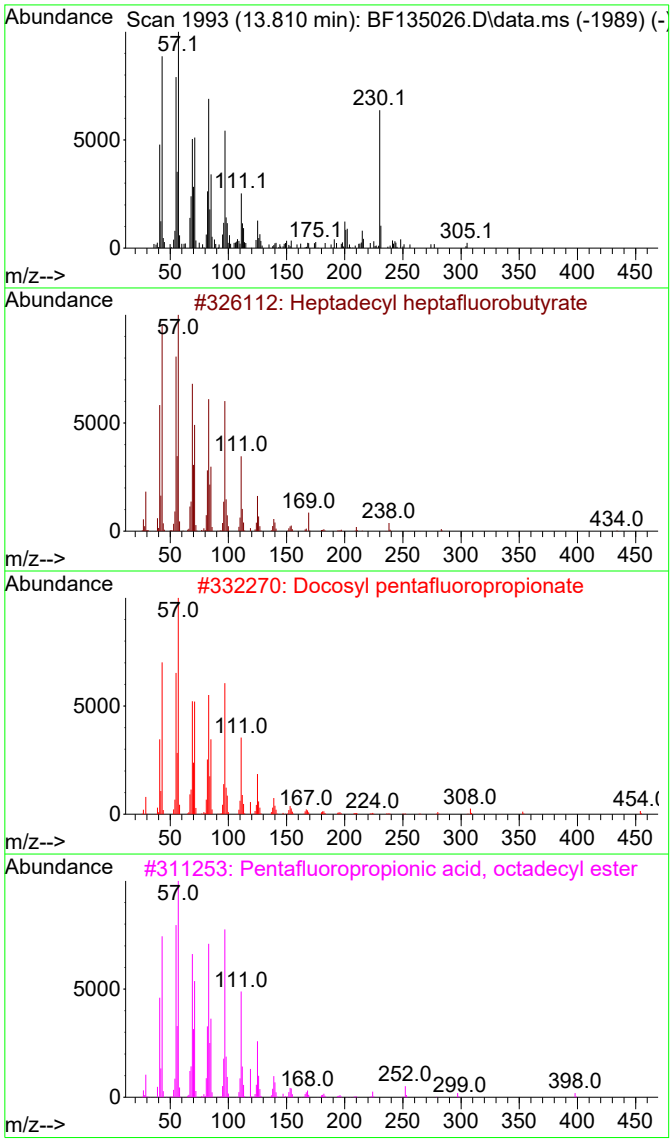
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

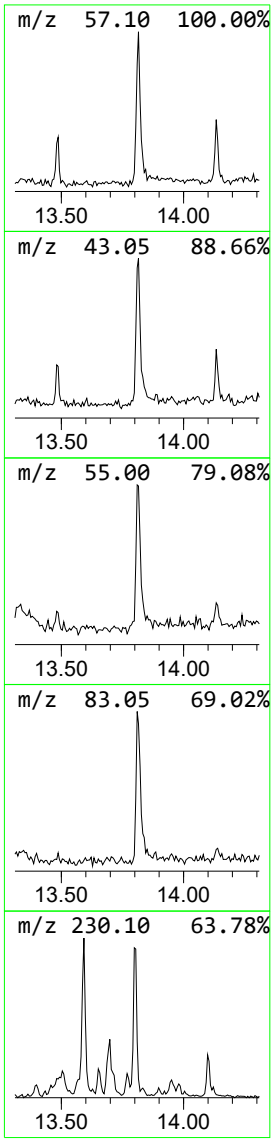
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.67 ng	171048	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	70
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	70
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	70
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

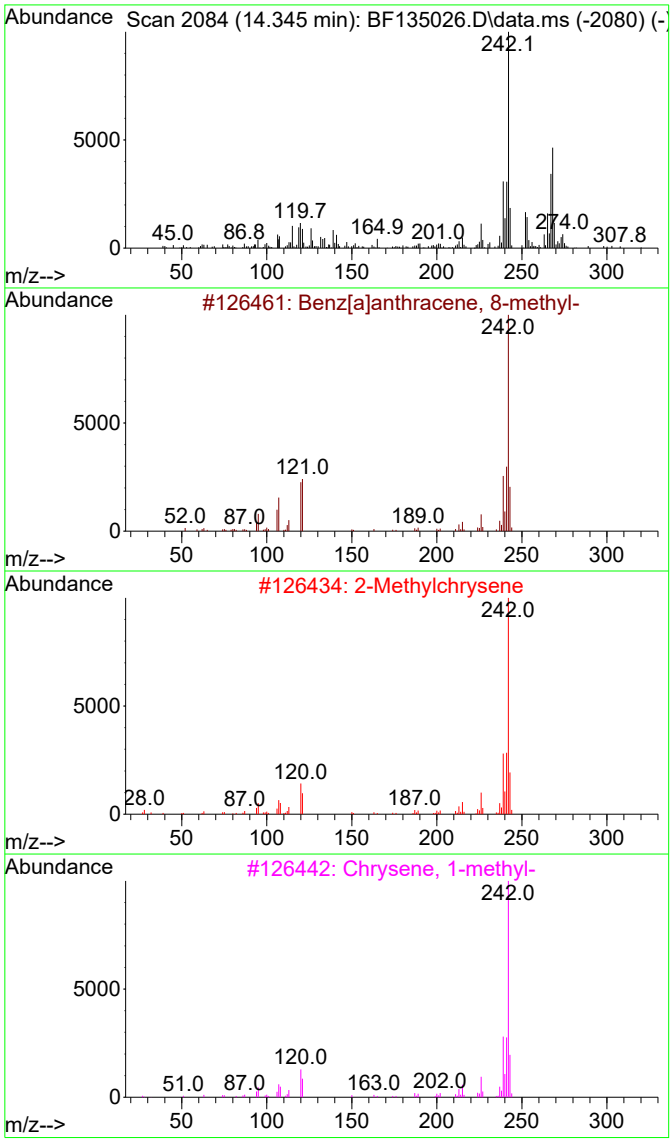
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

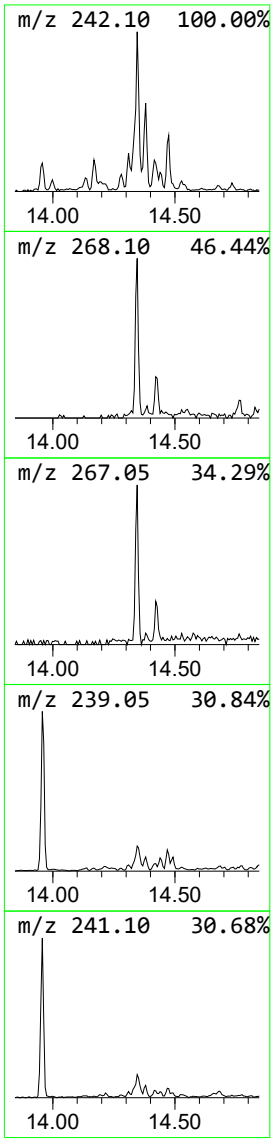
****

Peak Number 6 Benz[a]anthracene, 8-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	3.33 ng	155351	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
2	2-Methylchrysene	242	C19H14	003351-32-4	89
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	87
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	66





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

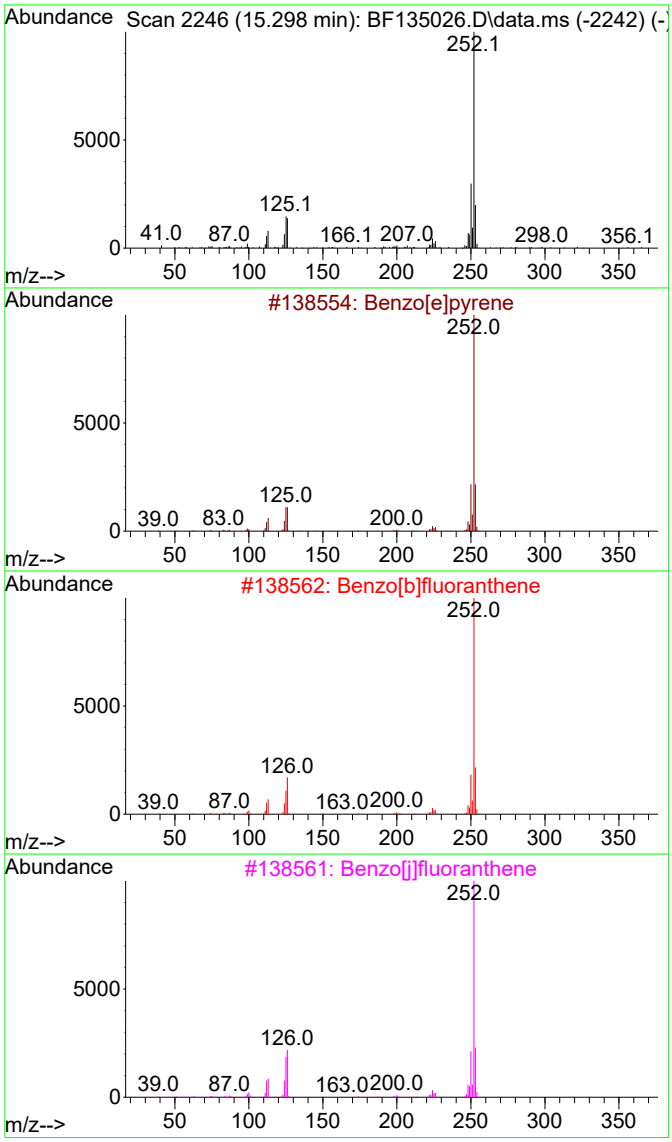
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

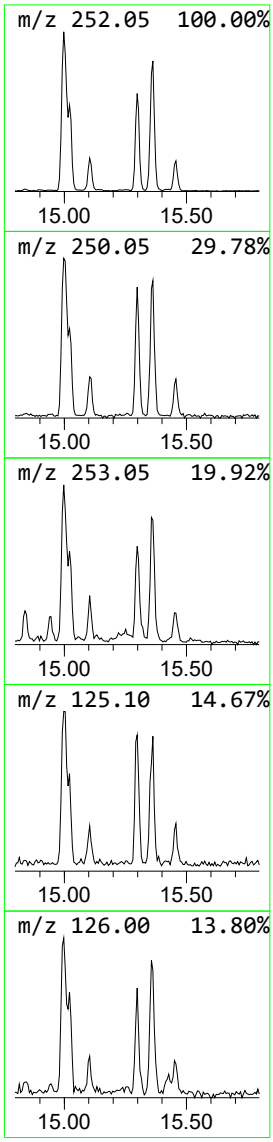
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	4.04 ng	136177	Perylene-d12	15.427

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	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135026.D
Acq On : 31 Aug 2023 02:56
Operator : CG\JU
Sample : 04197-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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-...	5.010	3.2	ng	132813	1	6.769	830997	20.0
Phenanthrene, 2...	11.833	5.1	ng	225871	4	11.298	889614	20.0
4H-Cyclopenta[d...	11.916	2.9	ng	126986	4	11.298	889614	20.0
Pyrene, 1-methyl-	13.275	2.1	ng	99444	5	13.957	932644	20.0
Heptadecyl hept...	13.810	3.7	ng	171048	5	13.957	932644	20.0
Benz[a]anthrace...	14.345	3.3	ng	155351	5	13.957	932644	20.0
Benzo[e]pyrene	15.298	4.0	ng	136177	6	15.427	674876	20.0