LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B9(4-6)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.464	228	234	244	rVB	643178	863695	15.88%	1.505%
2	5.075	330	338	355	rBV	3197306	4673979	85.96%	8.144%
3	5.540	411	417	424	rBV	89456	135679	2.50%	0.236%
4	7.140	682	689	697	rBV	436791	729216	13.41%	1.271%
5	7.981	825	832	840	rBV	549245	878257	16.15%	1.530%
6	9.140	1022	1029	1038	rBV	775730	1306977	24.04%	2.277%
7	10.787	1299	1309	1315	rBV	702409	1225613	22.54%	2.135%
8	10.840	1315	1318	1327	rVB	37538	59948	1.10%	0.104%
9	12.204	1539	1550	1555	rBV2	37878	66004	1.21%	0.115%
10	12.440	1581	1590	1596	rVB2	27175	65716	1.21%	0.115%
11	13.151	1707	1711	1716	rVB2	39079	54982	1.01%	0.096%
12	13.234	1717	1725	1736	rBV	2244546	3142412	57.79%	5.475%
13	13.434	1755	1759	1767	rVB2	74420	115034	2.12%	0.200%
14	13.769	1810	1816	1822	rBV2	29583	67495	1.24%	0.118%
15	13.934	1838	1844	1848	rBV2	52845	91254	1.68%	0.159%
16	14.087	1867	1870	1874	rVB	57588	73917	1.36%	0.129%
17	14.328	1907	1911	1920	rBV	55918	92601	1.70%	0.161%
18	14.504	1936	1941	1947	rVB	113910	151494	2.79%	0.264%
19	14.604	1949	1958	1964	rVV	1055078	1601597	29.46%	2.791%
20	14.669	1964	1969	1976	rVB	138523	226943	4.17%	0.395%
21	14.998	2021	2025	2032	rVB	120791	174574	3.21%	0.304%
22	15.075	2034	2038	2042	rVV	59373	79350	1.46%	0.138%
23	15.116	2042	2045	2054	rVB6	32221	59258	1.09%	0.103%
24	15.222	2058	2063	2067	rVV	54849	88709	1.63%	0.155%
25	15.445	2098	2101	2106	rVB	127610	156339	2.88%	0.272%
26	15.645	2130	2135	2140	rBV2	117460	185037	3.40%	0.322%
27	15.857	2167	2171	2175	rVB2	96253	120101	2.21%	0.209%
28	15.939	2182	2185	2193	rVB3	56997	115758	2.13%	0.202%
29	16.010	2193	2197	2202	rBV5	24838	55283	1.02%	0.096%
30	16.092	2204	2211	2218	rVV5	61815	163783	3.01%	0.285%
31	16.163	2219	2223	2232	rVB5	25027	71938	1.32%	0.125%
32	16.310	2244	2248	2250	rBV	210856	286400	5.27%	0.499%
33	16.651	2303	2306	2310	rVB3	44236	57427	1.06%	0.100%
34	16.998	2362	2365	2372	rVB3	59699	98237	1.81%	0.171%
35	17.104	2375	2383	2388	rVV2	214871	386307	7.10%	0.673%
36	17.163	2388	2393	2403	rVB2	164161	319847	5.88%	0.557%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B9(4-6)

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_P\Methods\8270E-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.345	2419	2424	2428	rBV	1269381	1896255	34.87%	3.304%
38	17.392	2428	2432	2437	rVB	1404744	1979858	36.41%	3.450%
39	17.481	2443	2447	2452	rVB	420547	583784	10.74%	1.017%
40	17.539	2453	2457	2461	rBV3	48332	84439	1.55%	0.147%
41	17.751	2489	2493	2498	rBV	100451	140057	2.58%	0.244%
42	17.839	2505	2508	2518	rVB2	174190	259353	4.77%	0.452%
43	17.922	2519	2522	2531	rVB2	58741	105502	1.94%	0.184%
44	18.210	2567	2571	2575	rBV	216685	276170	5.08%	0.481%
45	18.257	2575	2579	2583	rVB	293246	391571	7.20%	0.682%
46	18.333	2588	2592	2597	rBV	143920	203926	3.75%	0.355%
47	18.398	2598	2603	2607	rVV2	394386	736256	13.54%	1.283%
48	18.433	2607	2609	2614	rVB	217855	223148	4.10%	0.389%
49	18.510	2618	2622	2625	rBV	190599	229188	4.22%	0.399%
50	18.686	2649	2652	2656	rBV	232750	283443	5.21%	0.494%
51	18.727	2656	2659	2667	rVB3	106068	159878	2.94%	0.279%
52	18.922	2690	2692	2695	rBV	76215	76038	1.40%	0.132%
53	19.092	2717	2721	2723	rBV	220478	298379	5.49%	0.520%
54	19.227	2741	2744	2750	rVB	183665	244872	4.50%	0.427%
55	19.345	2759	2764	2770	rBV	4057542	5437430	100.00%	9.474%
56	19.669	2815	2819	2820	rBV	674984	803431	14.78%	1.400%
57	19.698	2820	2824	2831	rVB	3671133	4958705	91.20%	8.640%
58	19.892	2852	2857	2861	rVB	3804120	4532553	83.36%	7.897%
59	20.274	2919	2922	2925	rBV	212897	246974	4.54%	0.430%
60	21.404	3109	3114	3119	rBV3	2501667	5245139	96.46%	9.139%
61	21.451	3119	3122	3132	rVB	1798464	2776742	51.07%	4.838%
62	23.110	3399	3404	3410	rBV	1196590	3044537	55.99%	5.305%
63	23.751	3508	3513	3521	rVB	1238842	2402767	44.19%	4.187%
64	23.857	3527	3531	3536	rVB2	981426	1731356	31.84%	3.017%

Sum of corrected areas: 57392912

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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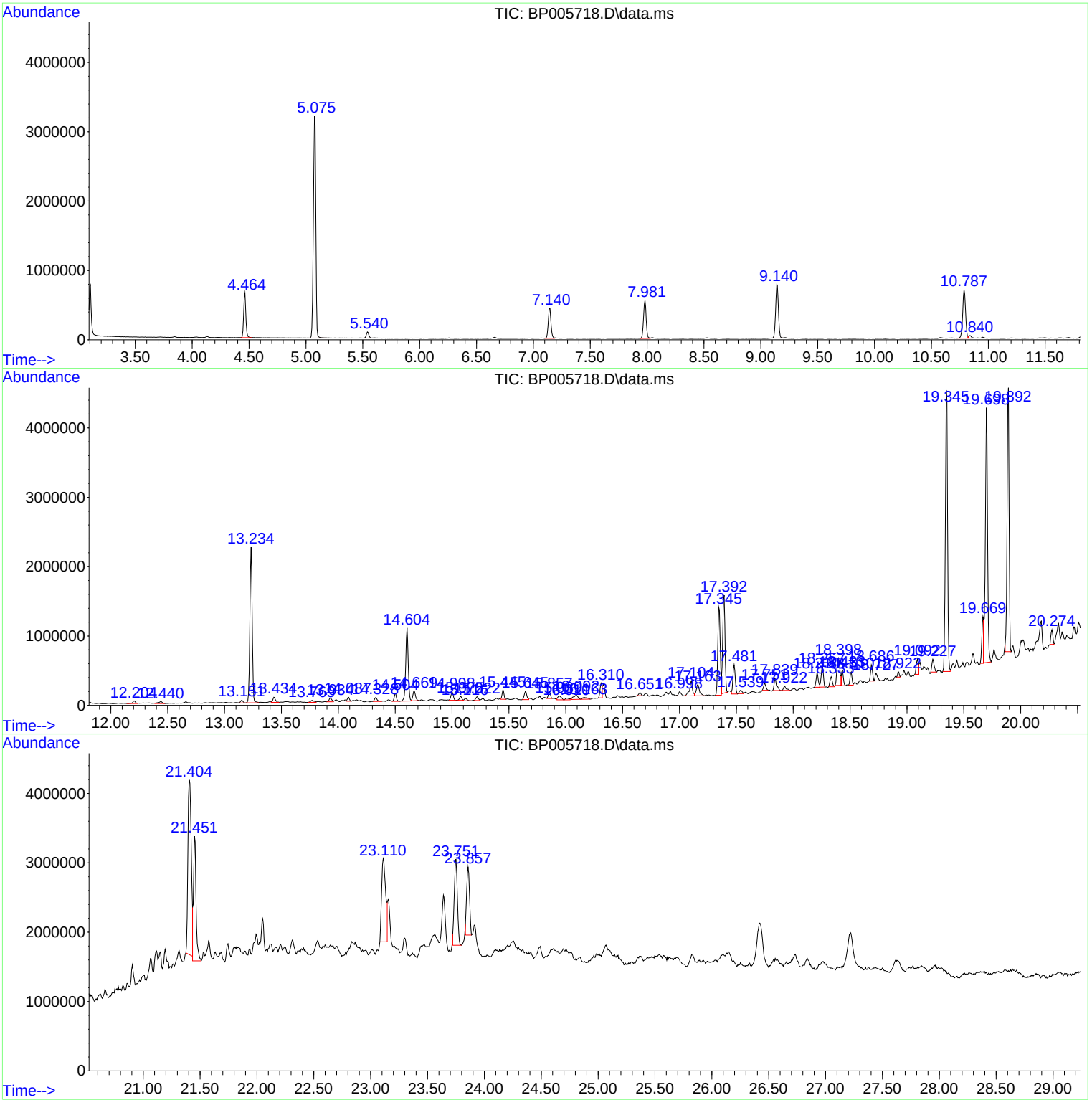
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
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Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

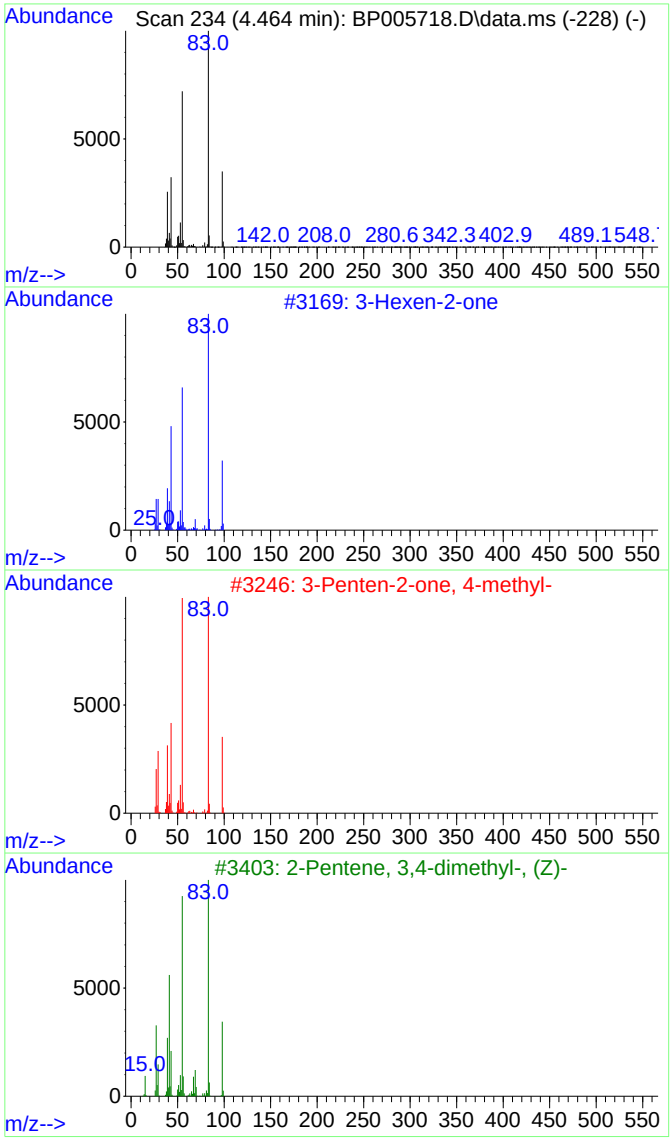
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

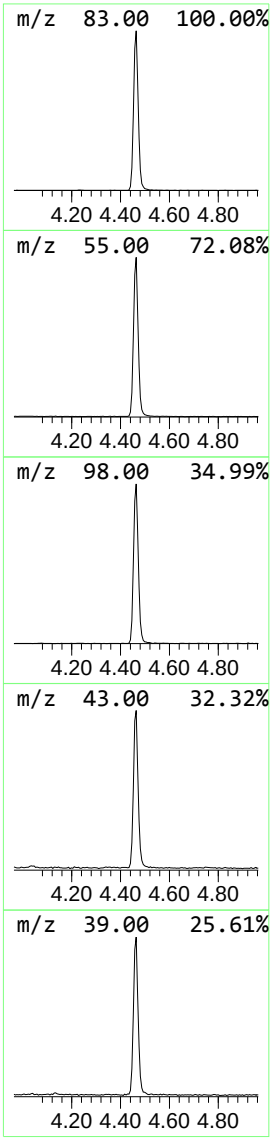
****

Peak Number 1 3-Hexen-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.464	19.67 ng	863695	1,4-Dichlorobenzene-d4	7.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

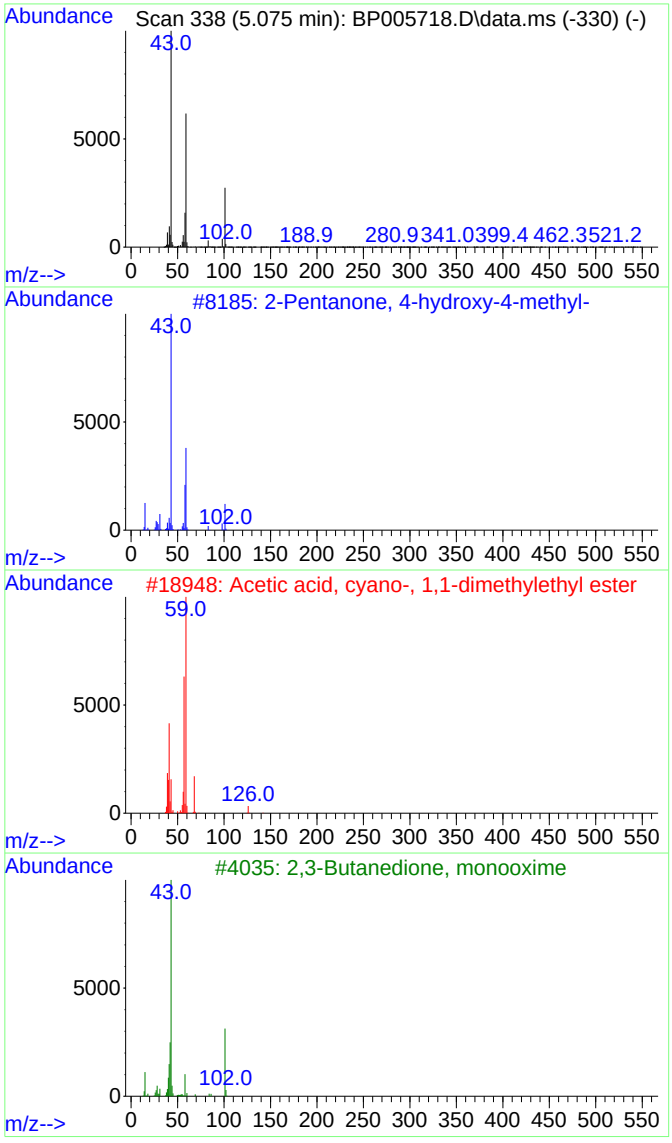
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

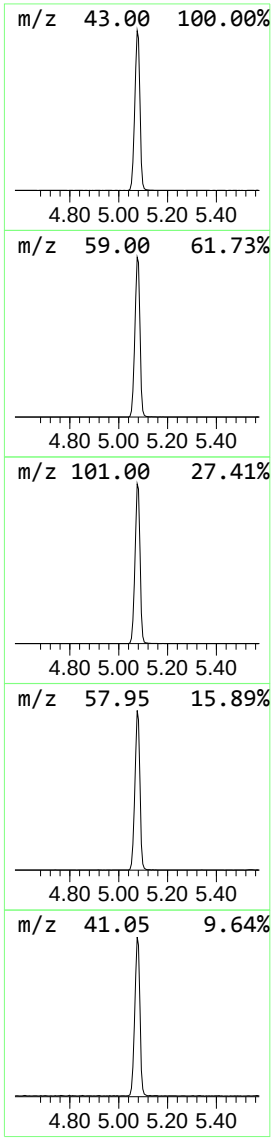
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	106.44 ng	4673980	1,4-Dichlorobenzene-d4	7.981

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

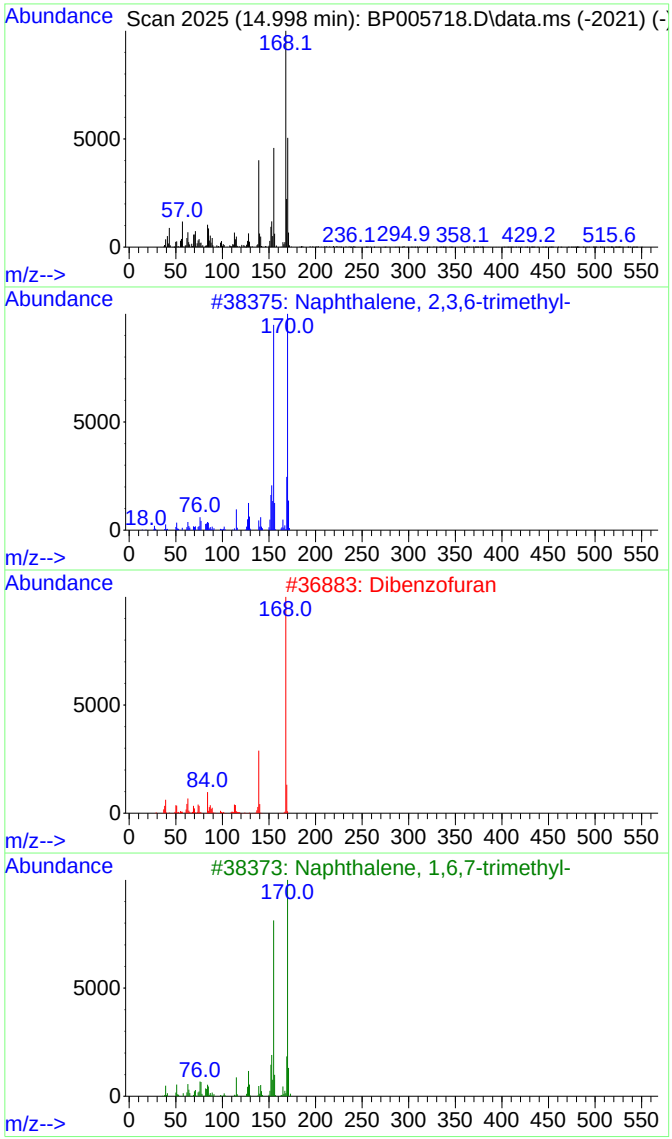
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

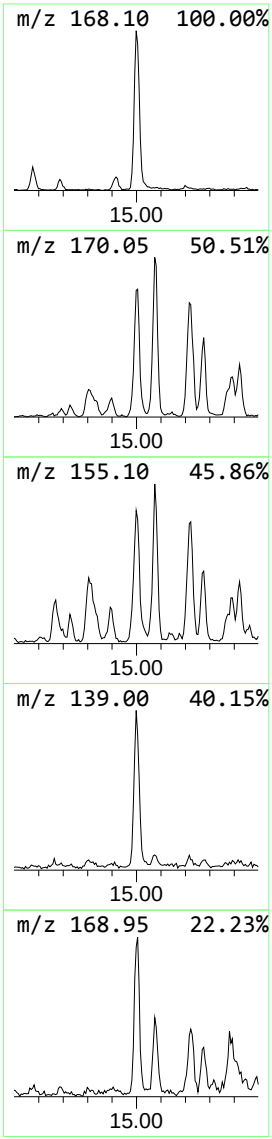
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	2.18 ng	174574	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Dibenzofuran	168	C12H8O	000132-64-9	55
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	42
5	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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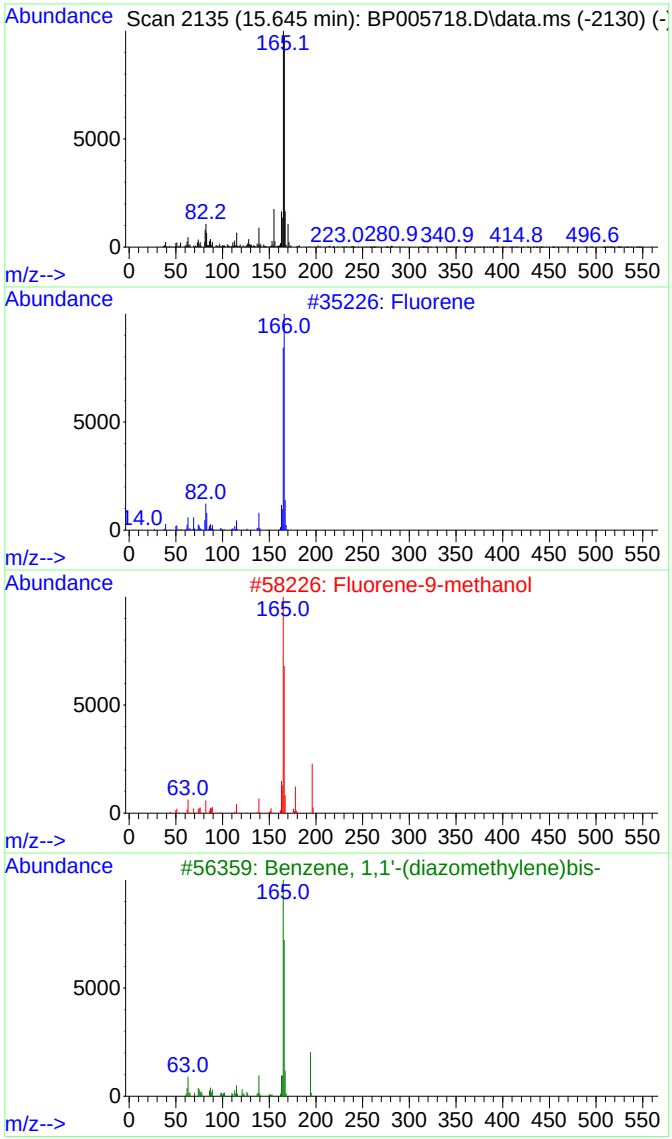
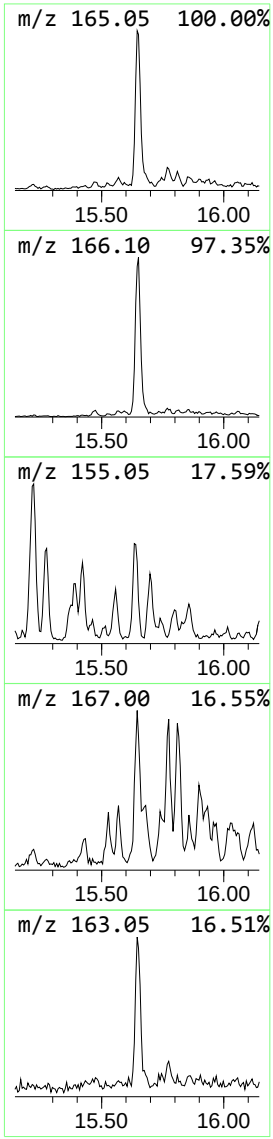
Peak Number 4 Fluorene-9-methanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	2.31 ng	185037	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	93
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	72
3	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	56
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
5	Naphthalene, 2-(2-nitro-2-propen...	213	C13H11NO2	080255-28-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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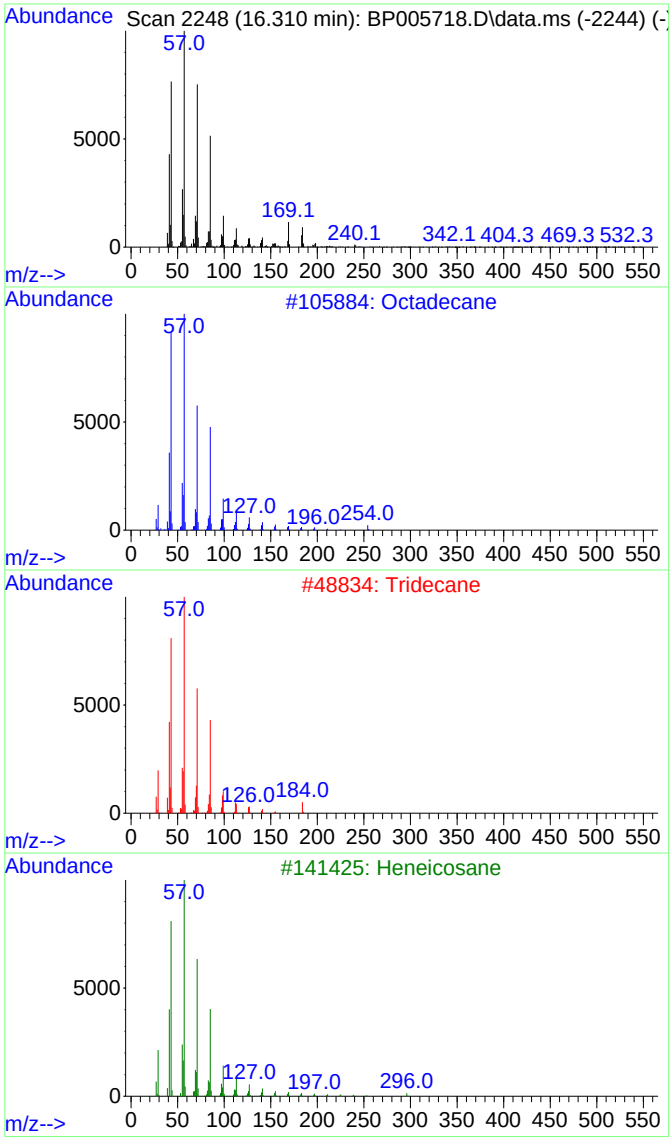
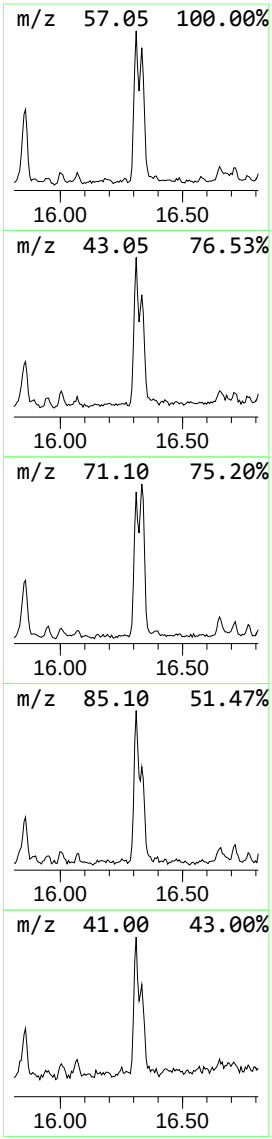
Peak Number 5 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	3.02 ng	286400	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	81
5	Nonadecane	268	C19H40	000629-92-5	81





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18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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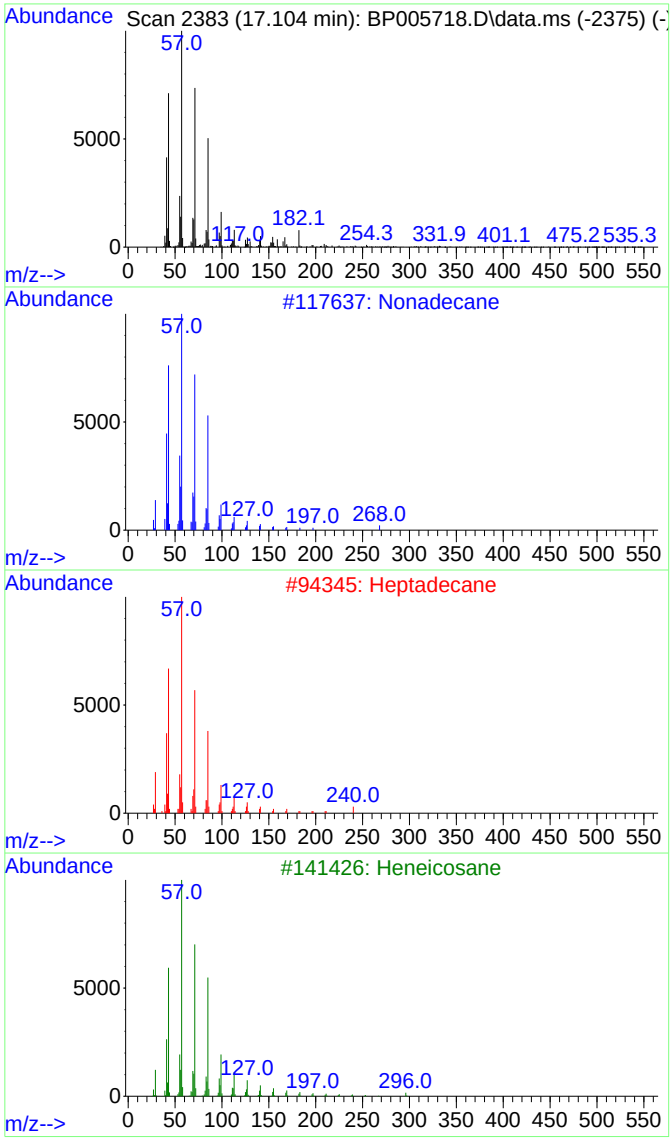
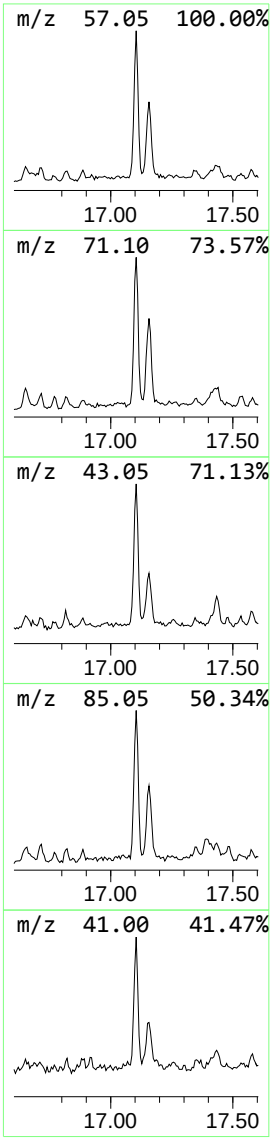
Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	4.07 ng	386307	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Pentadecane	212	C15H32	000629-62-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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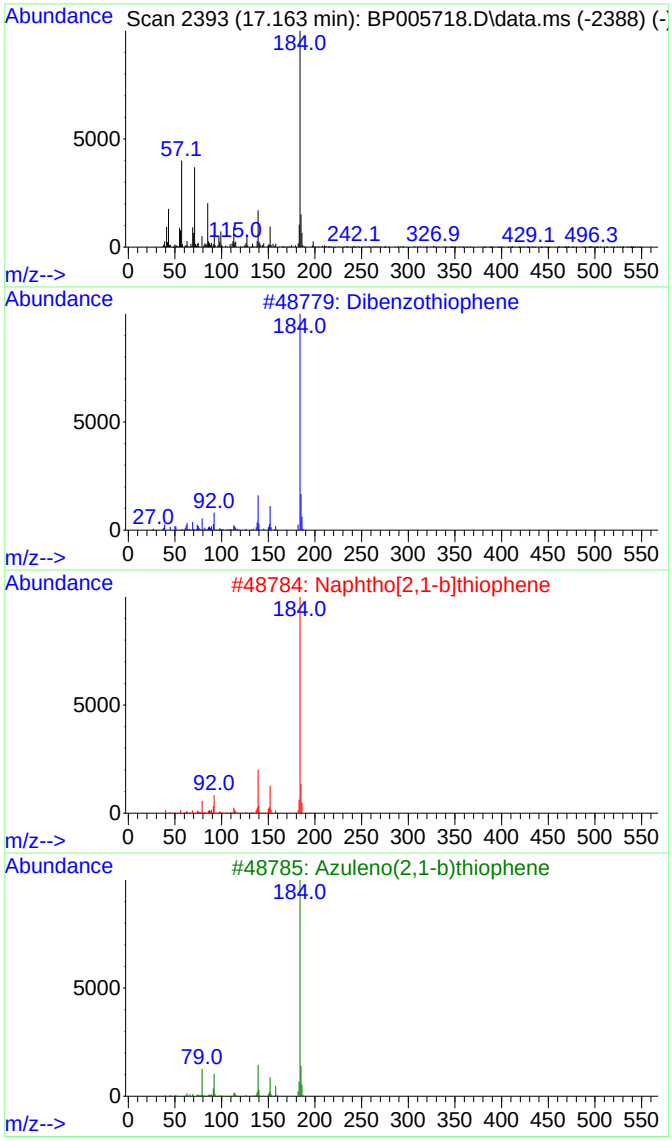
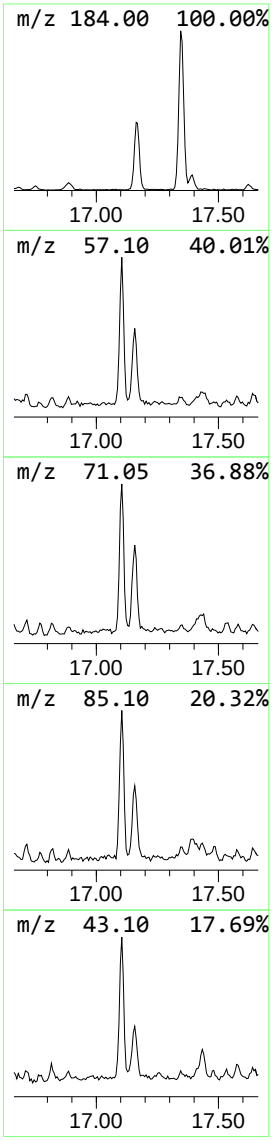
Peak Number 7 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	3.37 ng	319847	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	70
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62
4	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	59
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58





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Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

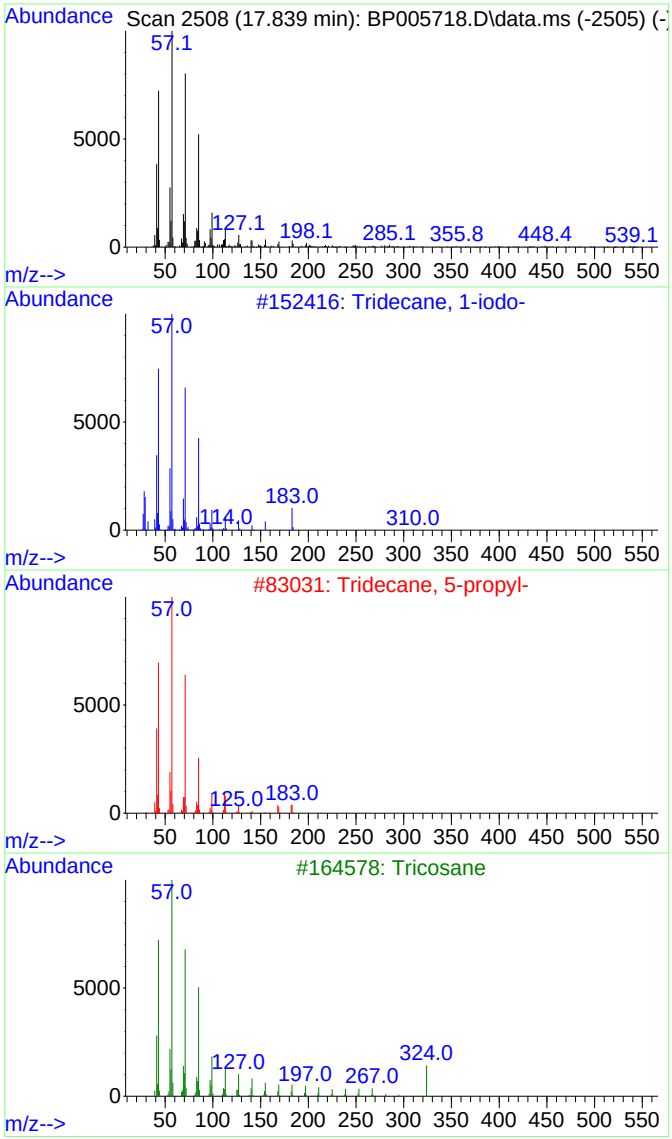
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

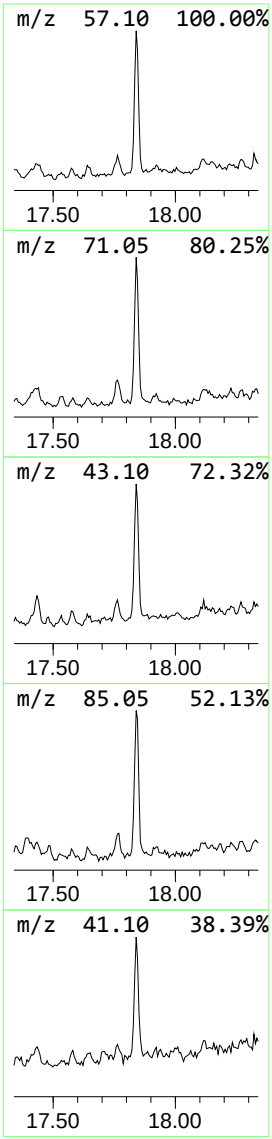
****

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	2.74 ng	259353	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Tricosane	324	C23H48	000638-67-5	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentadecane	212	C15H32	000629-62-9	87





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Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

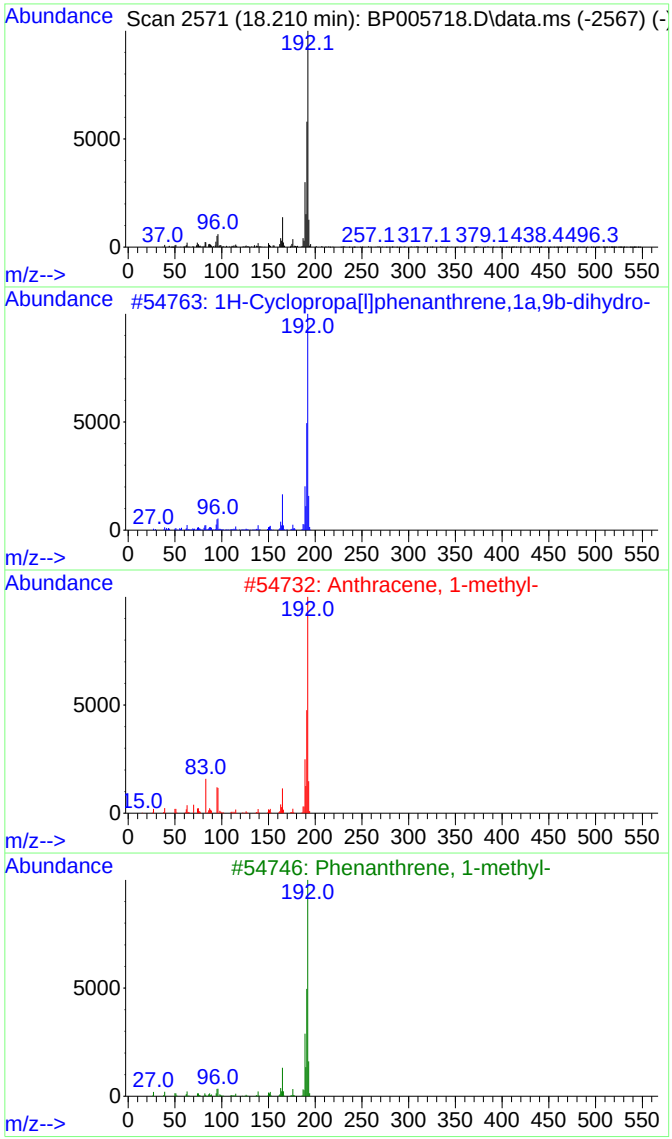
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

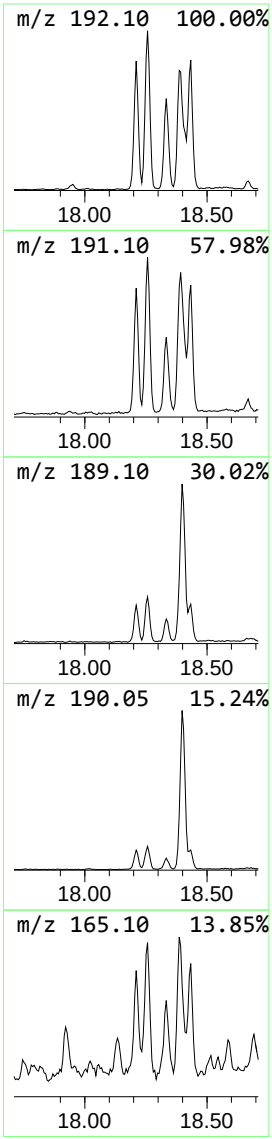
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	2.91 ng	276170	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

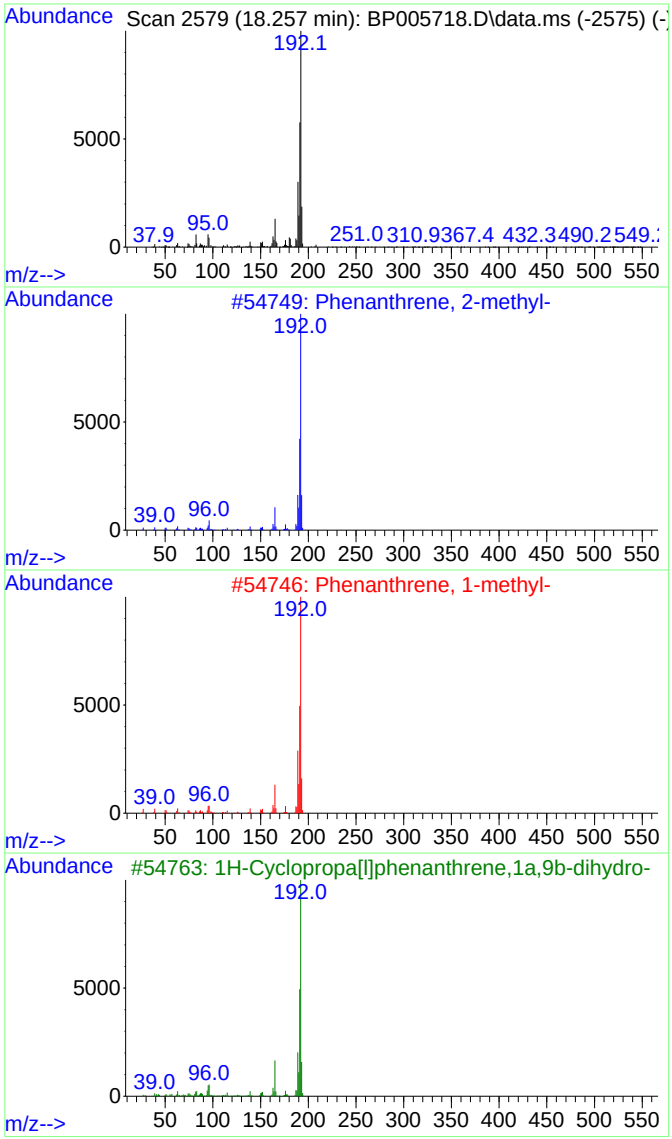
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

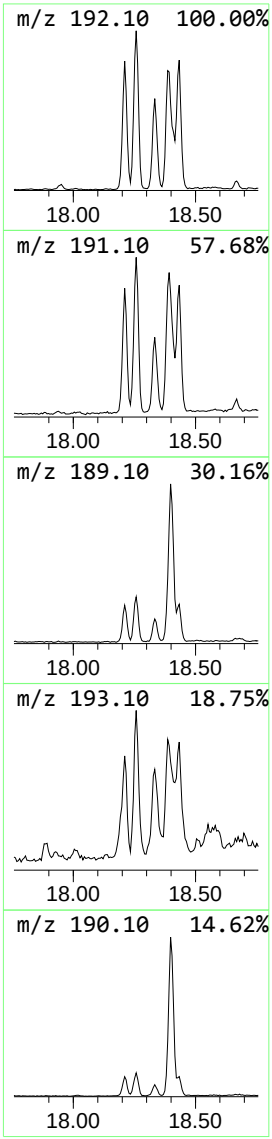
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	4.13 ng	391571	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

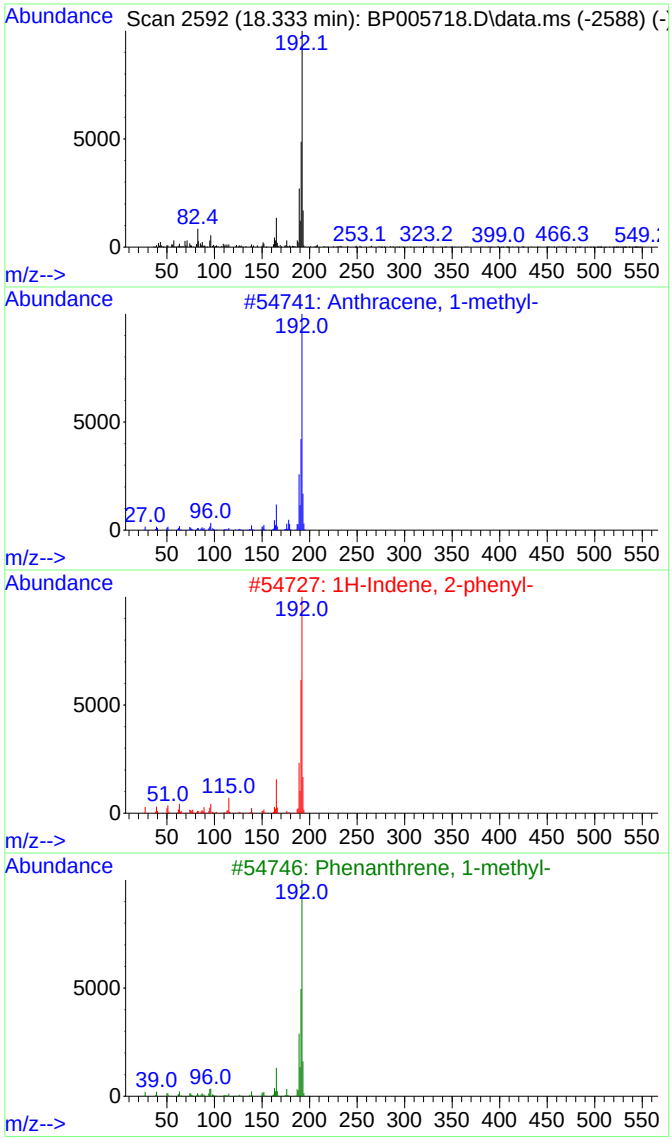
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

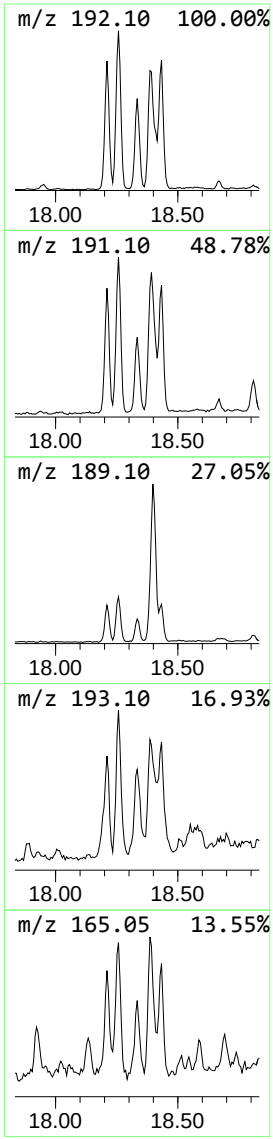
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.15 ng	203926	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B9(4-6)

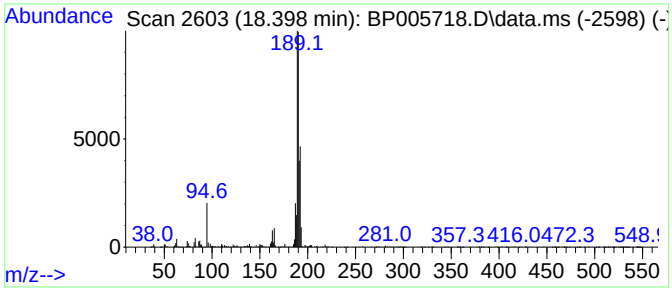
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

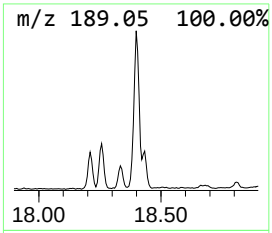
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

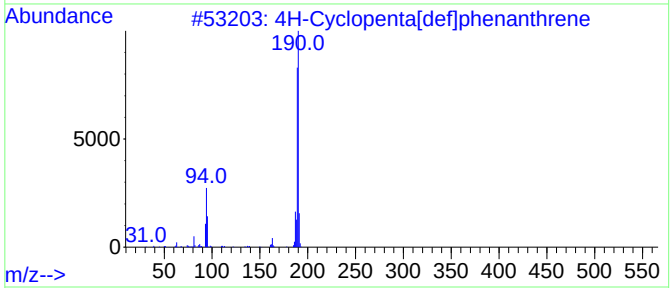
****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

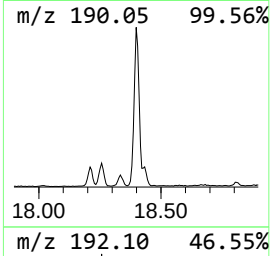
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	7.77 ng	736256	Phenanthrene-d10	17.345

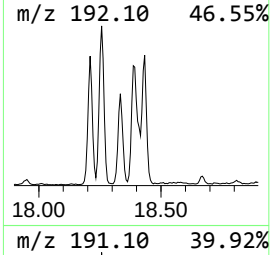
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43

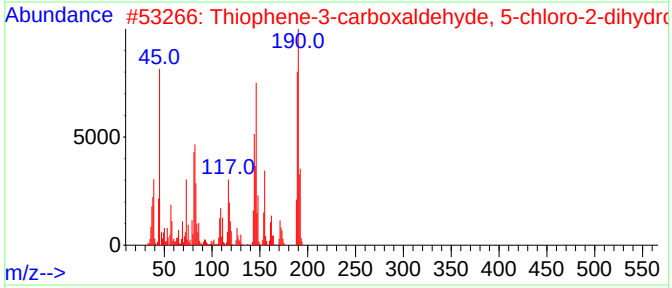


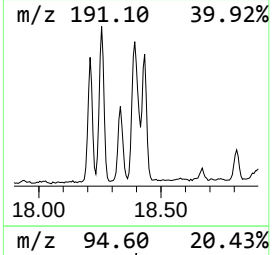


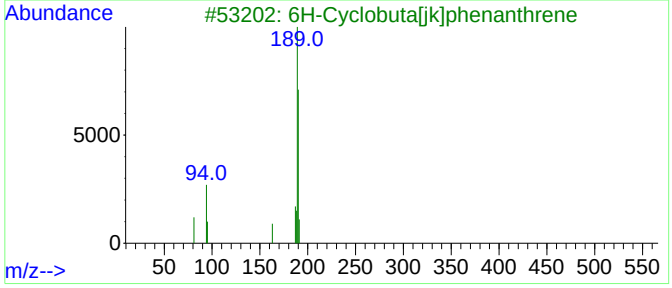


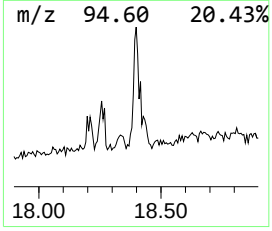












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Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

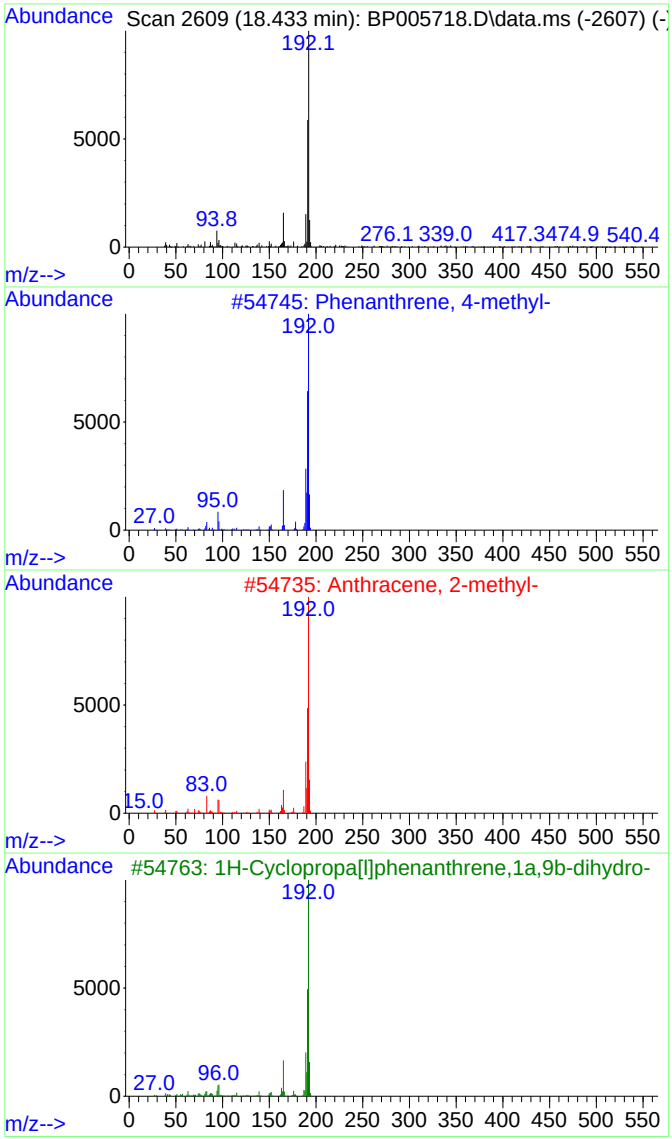
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

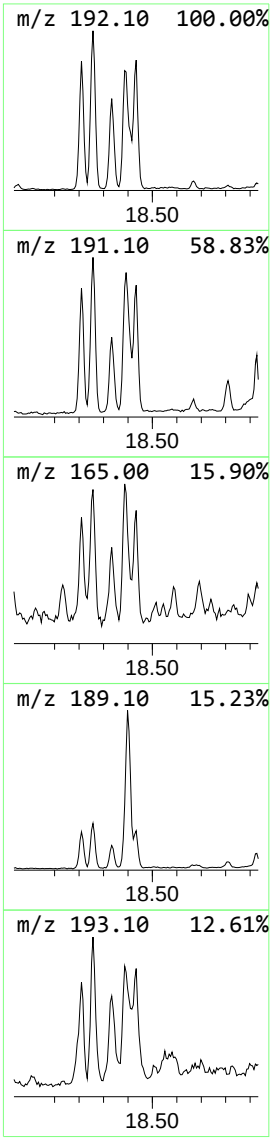
****

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	2.35 ng	223148	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

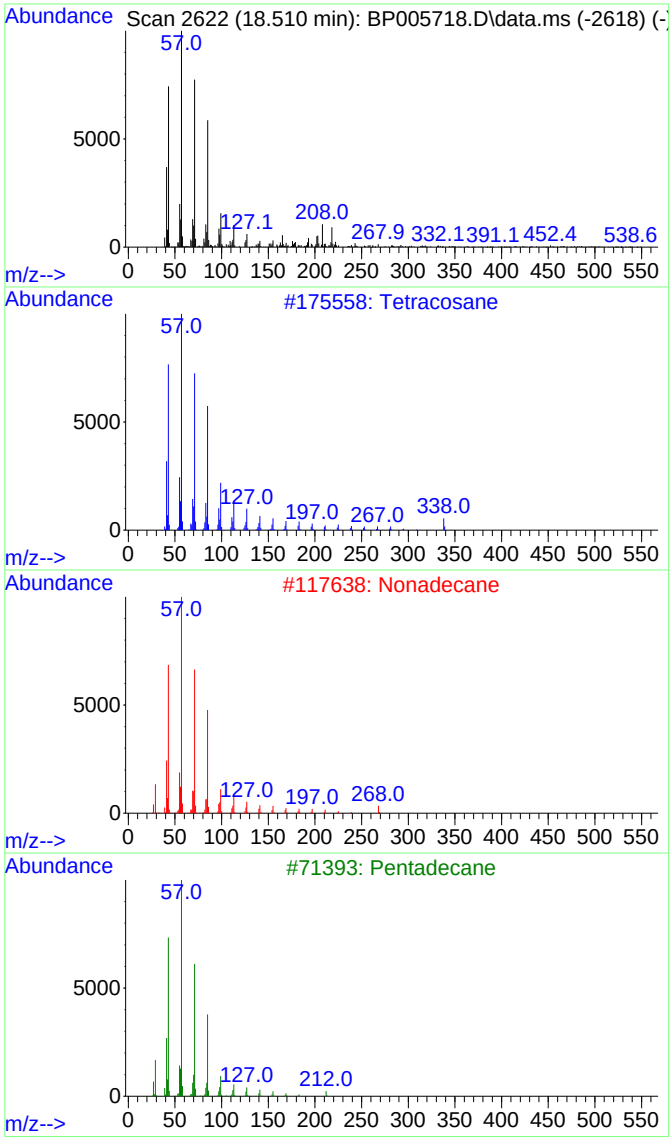
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

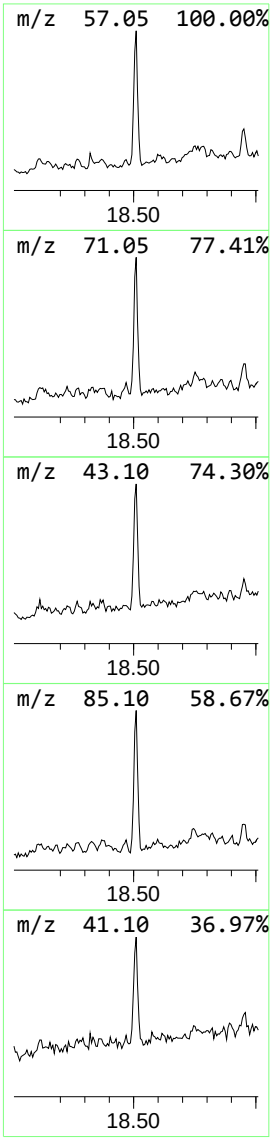
****

Peak Number 14 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	2.42 ng	229188	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Pentadecane	212	C15H32	000629-62-9	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

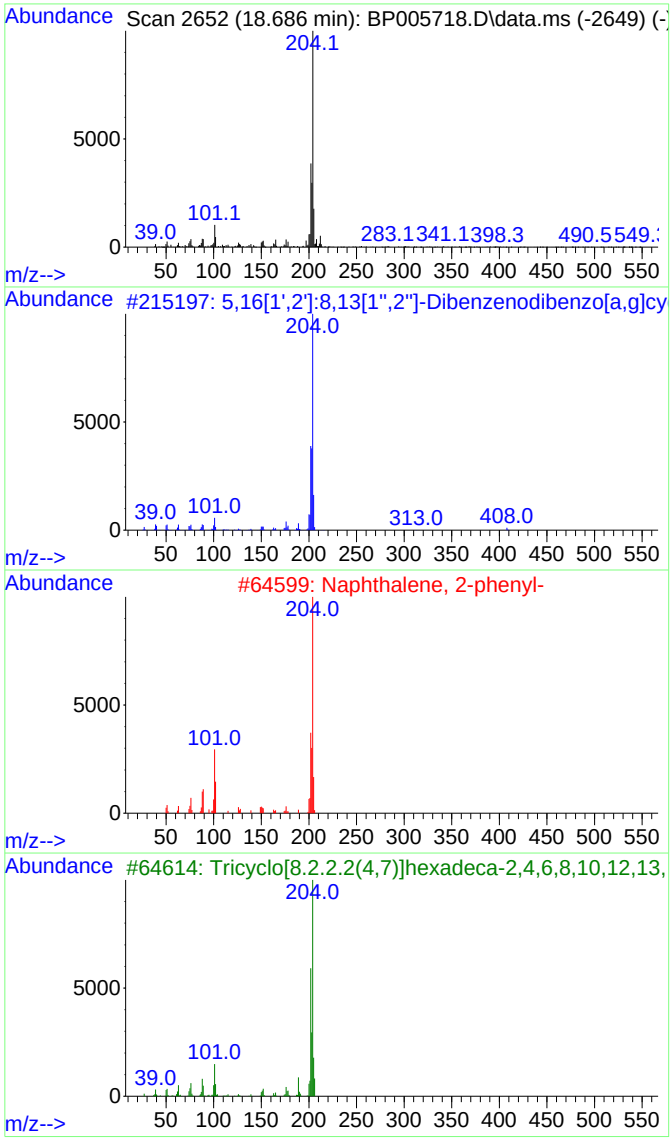
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

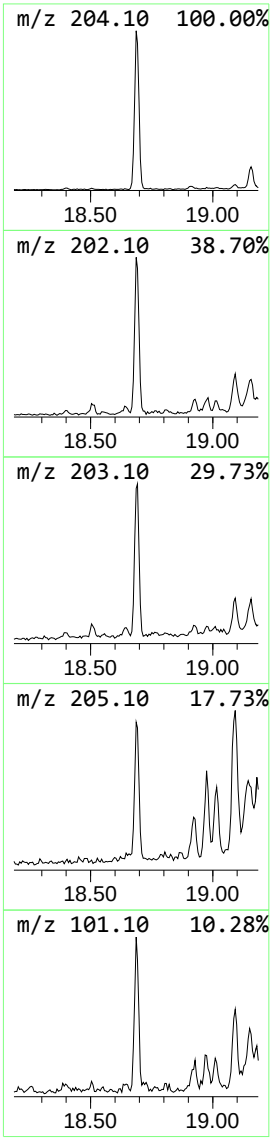
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	2.99 ng	283443	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Sample : M2589-09
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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
18-B9(4-6)

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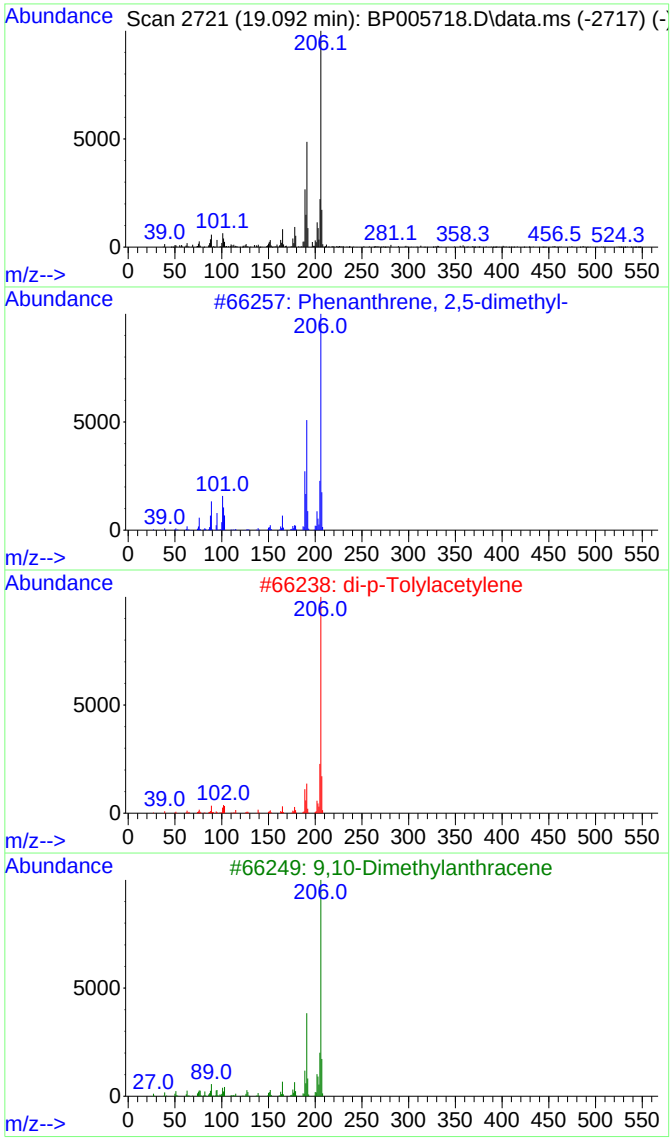
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

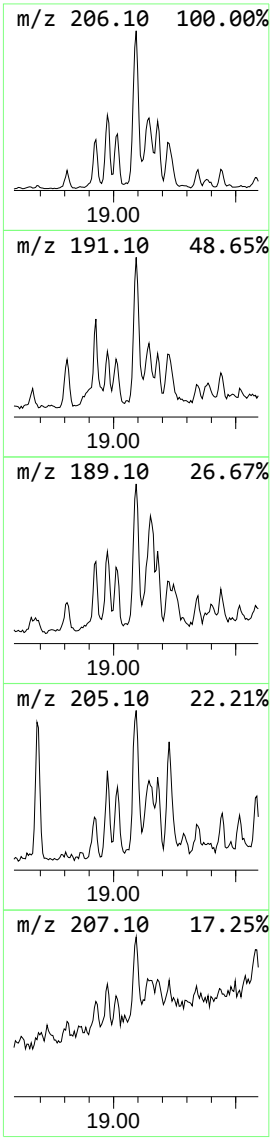
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	3.15 ng	298379	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : M2589-09
Misc :
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Instrument : BNA_P
ClientSampleId : 18-B9(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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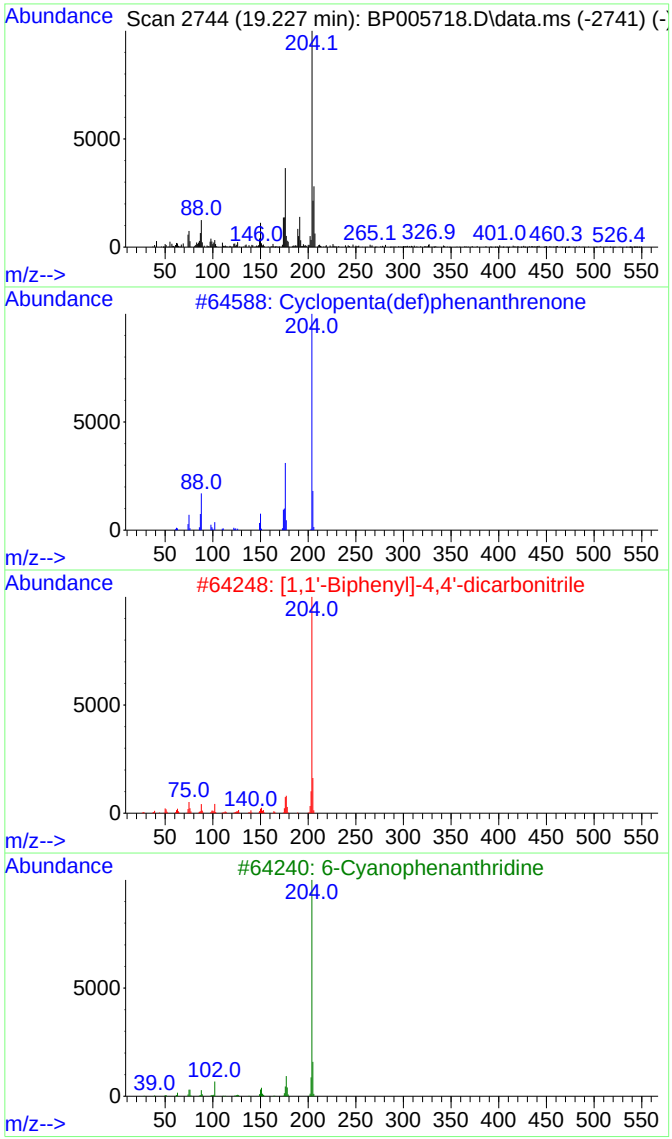
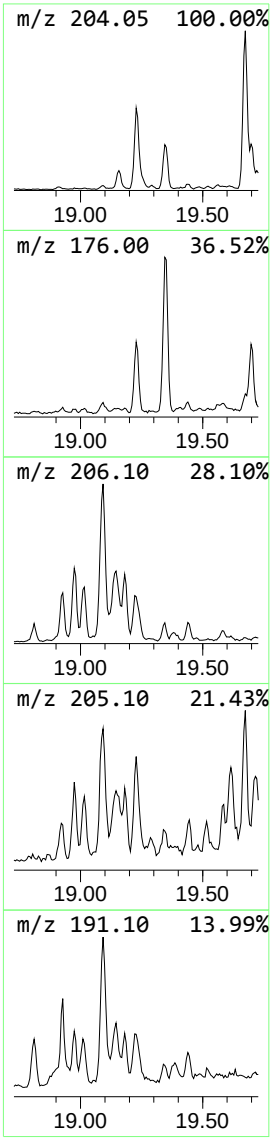
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	2.58 ng	244872	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
Acq On : 04 Jun 2021 18:51
Operator : CG/JU
Sample : M2589-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B9(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Hexen-2-one	4.464	19.7	ng	863695	1	7.981	878257	20.0
2-Pentanone, 4-...	5.075	106.4	ng	4673980	1	7.981	878257	20.0
Naphthalene, 2,...	14.998	2.2	ng	174574	3	14.604	1601600	20.0
Fluorene-9-meth...	15.645	2.3	ng	185037	3	14.604	1601600	20.0
Octadecane	16.310	3.0	ng	286400	4	17.345	1896260	20.0
Nonadecane	17.104	4.1	ng	386307	4	17.345	1896260	20.0
Dibenzothiophene	17.163	3.4	ng	319847	4	17.345	1896260	20.0
Tridecane, 1-iodo-	17.839	2.7	ng	259353	4	17.345	1896260	20.0
1H-Cyclopropa[l...	18.210	2.9	ng	276170	4	17.345	1896260	20.0
Phenanthrene, 2...	18.257	4.1	ng	391571	4	17.345	1896260	20.0
Anthracene, 1-m...	18.333	2.1	ng	203926	4	17.345	1896260	20.0
4H-Cyclopenta[d...	18.398	7.8	ng	736256	4	17.345	1896260	20.0
Phenanthrene, 4...	18.433	2.4	ng	223148	4	17.345	1896260	20.0
Tetracosane	18.510	2.4	ng	229188	4	17.345	1896260	20.0
5,16[1',2']:8,1...	18.686	3.0	ng	283443	4	17.345	1896260	20.0
Phenanthrene, 2...	19.092	3.1	ng	298379	4	17.345	1896260	20.0
Cyclopenta(def)...	19.227	2.6	ng	244872	4	17.345	1896260	20.0