LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

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\8270-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	35	39	44	rBV	33810	44240	2.23%	0.260%
2	4.905	354	360	365	rBV2	29869	41312	2.08%	0.243%
3	5.334	427	433	441	rBV	132999	199421	10.06%	1.172%
4	6.905	693	700	713	rVB	139279	223885	11.29%	1.316%
5	7.246	752	758	767	rVB	133497	215663	10.88%	1.268%
6	7.693	827	834	841	rBV	271220	413043	20.83%	2.428%
7	8.011	881	888	895	rBV	108693	172247	8.69%	1.012%
8	8.846	1020	1030	1037	rBV	78717	128735	6.49%	0.757%
9	10.469	1298	1306	1312	rBV	312730	523850	26.42%	3.079%
10	10.522	1312	1315	1321	rVB2	16225	24935	1.26%	0.147%
11	12.957	1722	1729	1737	rVB	191294	277434	13.99%	1.631%
12	13.657	1840	1848	1853	rBV4	11993	21520	1.09%	0.126%
13	14.051	1906	1915	1922	rBV2	63872	106568	5.37%	0.626%
14	14.334	1956	1963	1969	rBV2	460912	683383	34.46%	4.017%
15	14.398	1969	1974	1979	rVV	31153	43072	2.17%	0.253%
16	14.734	2026	2031	2041	rVV2	19886	37346	1.88%	0.219%
17	15.387	2137	2142	2149	rBV2	32649	52371	2.64%	0.308%
18	15.687	2188	2193	2197	rBV2	14443	22359	1.13%	0.131%
19	15.834	2210	2218	2228	rVB2	150748	234101	11.81%	1.376%
20	16.404	2306	2315	2319	rBV8	11293	32760	1.65%	0.193%
21	16.751	2369	2374	2381	rVB3	21953	38654	1.95%	0.227%
22	16.904	2396	2400	2405	rVB2	19837	32669	1.65%	0.192%
23	17.092	2426	2432	2436	rBV	580547	857311	43.24%	5.039%
24	17.134	2436	2439	2444	rVV	504882	658307	33.20%	3.869%
25	17.222	2446	2454	2461	rVV	124976	183489	9.25%	1.078%
26	17.292	2462	2466	2472	rVB4	22917	34724	1.75%	0.204%
27	17.498	2498	2501	2507	rVB	28244	37616	1.90%	0.221%
28	17.628	2519	2523	2527	rBV2	21518	34777	1.75%	0.204%
29	17.675	2528	2531	2536	rVB5	20872	29906	1.51%	0.176%
30	17.969	2576	2581	2584	rBV	132666	180275	9.09%	1.060%
31	18.016	2584	2589	2597	rVV	176223	293140	14.78%	1.723%
32	18.092	2598	2602	2606	rVB	79910	100559	5.07%	0.591%
33	18.151	2607	2612	2616	rVV2	176757	313674	15.82%	1.844%
34	18.192	2616	2619	2623	rVB	117768	152392	7.69%	0.896%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

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\8270-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.316	2638	2640	2644	rVB2	21877	21509	1.08%	0.126%
36	18.357	2644	2647	2650	rVB4	17492	21695	1.09%	0.128%
37	18.457	2660	2664	2667	rBV	103598	124722	6.29%	0.733%
38	18.492	2667	2670	2676	rVB3	55650	75703	3.82%	0.445%
39	18.581	2682	2685	2688	rBV	29333	32881	1.66%	0.193%
40	18.698	2702	2705	2710	rVV3	61280	69321	3.50%	0.407%
41	18.745	2710	2713	2716	rVV	50905	57316	2.89%	0.337%
42	18.781	2716	2719	2723	rVB	44420	60639	3.06%	0.356%
43	18.863	2728	2733	2737	rBV2	150686	253966	12.81%	1.493%
44	18.992	2752	2755	2762	rBV3	110632	174764	8.81%	1.027%
45	19.116	2771	2776	2781	rBV	1051360	1366592	68.92%	8.032%
46	19.463	2827	2835	2840	rBV	1245649	1982854	100.00%	11.654%
47	19.639	2863	2865	2867	rBV2	51238	51074	2.58%	0.300%
48	19.675	2867	2871	2874	rVV	298405	336651	16.98%	1.979%
49	19.786	2886	2890	2901	rVB5	132671	313336	15.80%	1.842%
50	19.928	2909	2914	2915	rBV3	113645	195597	9.86%	1.150%
51	20.104	2940	2944	2948	rBV2	246236	317436	16.01%	1.866%
52	20.239	2964	2967	2971	rBV	216658	244225	12.32%	1.435%
53	20.286	2971	2975	2979	rVV	192724	252232	12.72%	1.482%
54	20.680	3039	3042	3049	rVB	200012	258474	13.04%	1.519%
55	21.186	3122	3128	3132	rBV2	976110	1963267	99.01%	11.539%
56	21.227	3132	3135	3142	rVB	645372	848492	42.79%	4.987%
57	22.774	3394	3398	3403	rBV	372666	740084	37.32%	4.350%
58	23.351	3492	3496	3501	rVB	473029	805614	40.63%	4.735%

Sum of corrected areas: 17014182

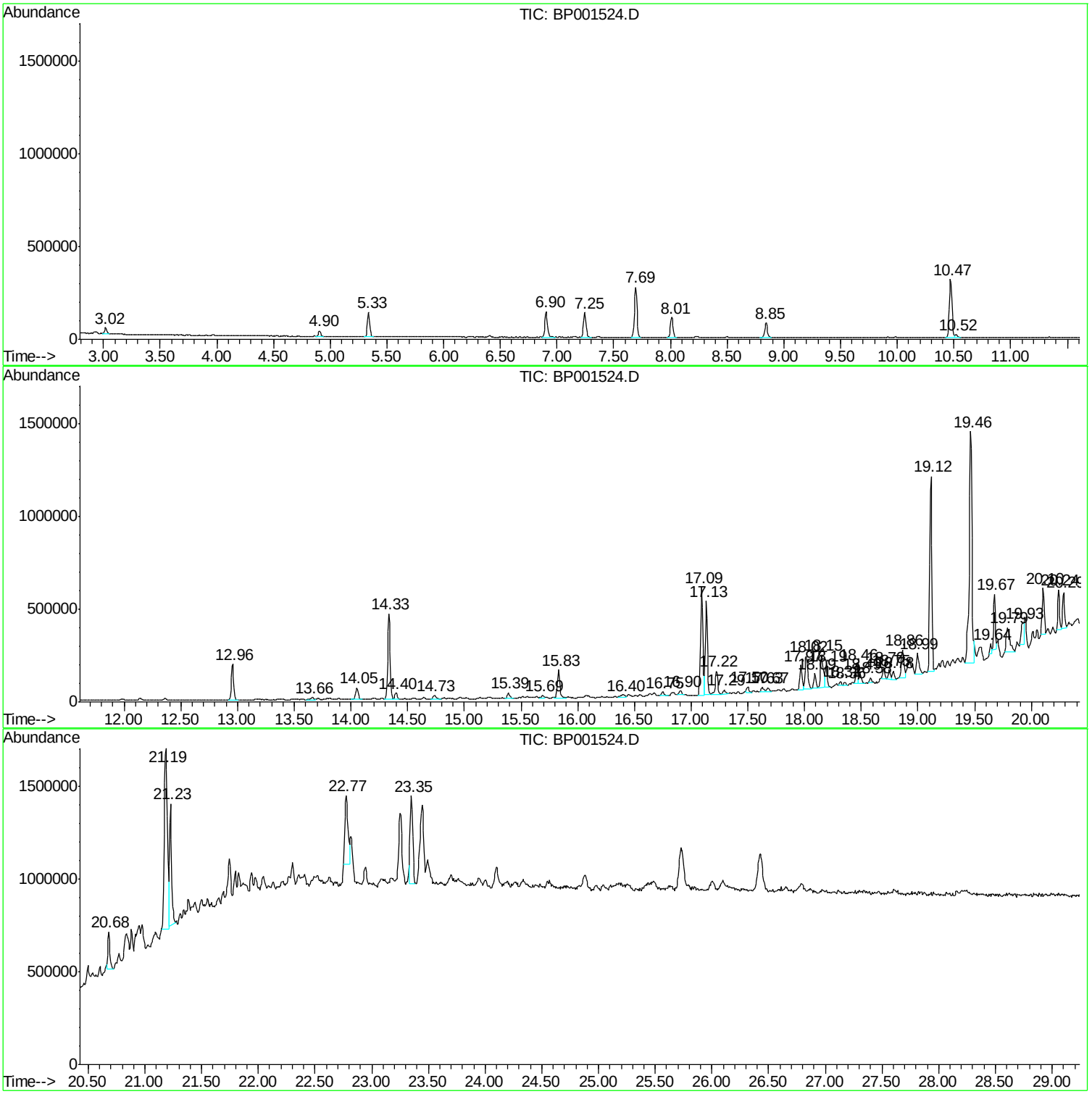
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

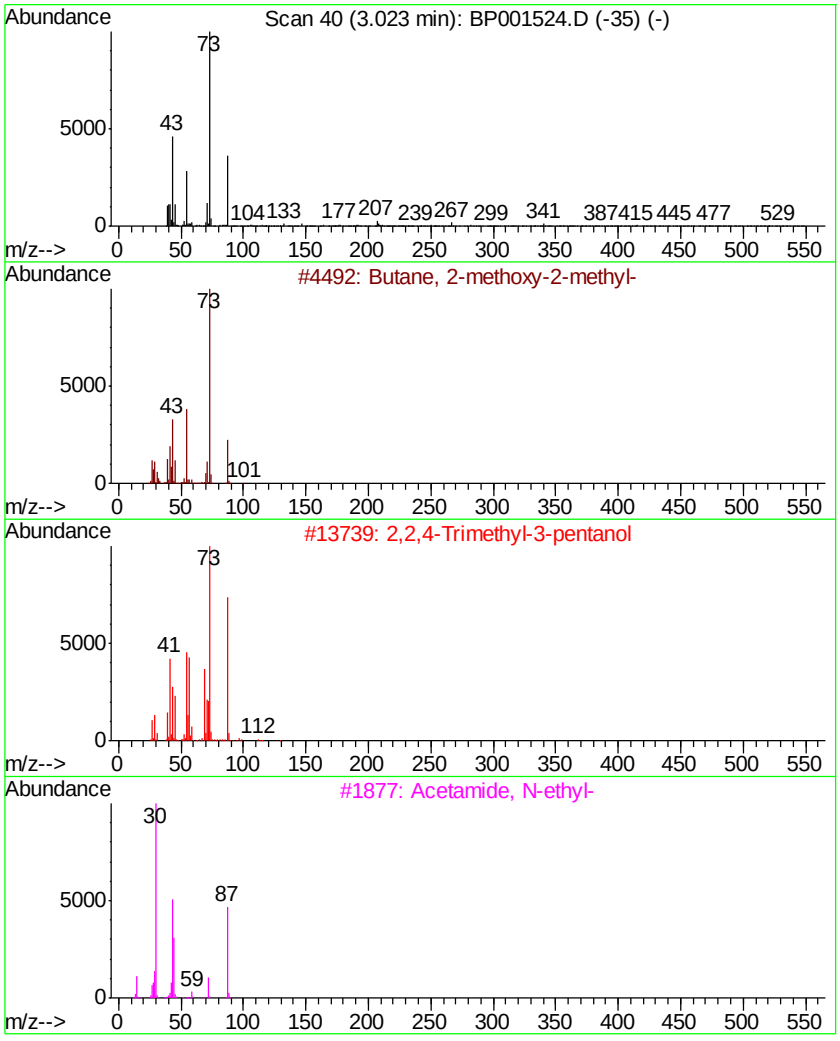
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

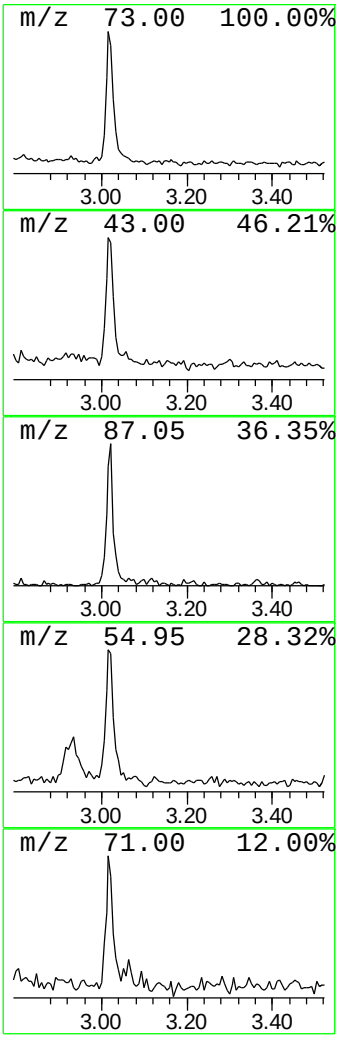
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	2.14 ng	44240	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-(3-bromo-3-bute...	206	C7H11BrO2	333961-98-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

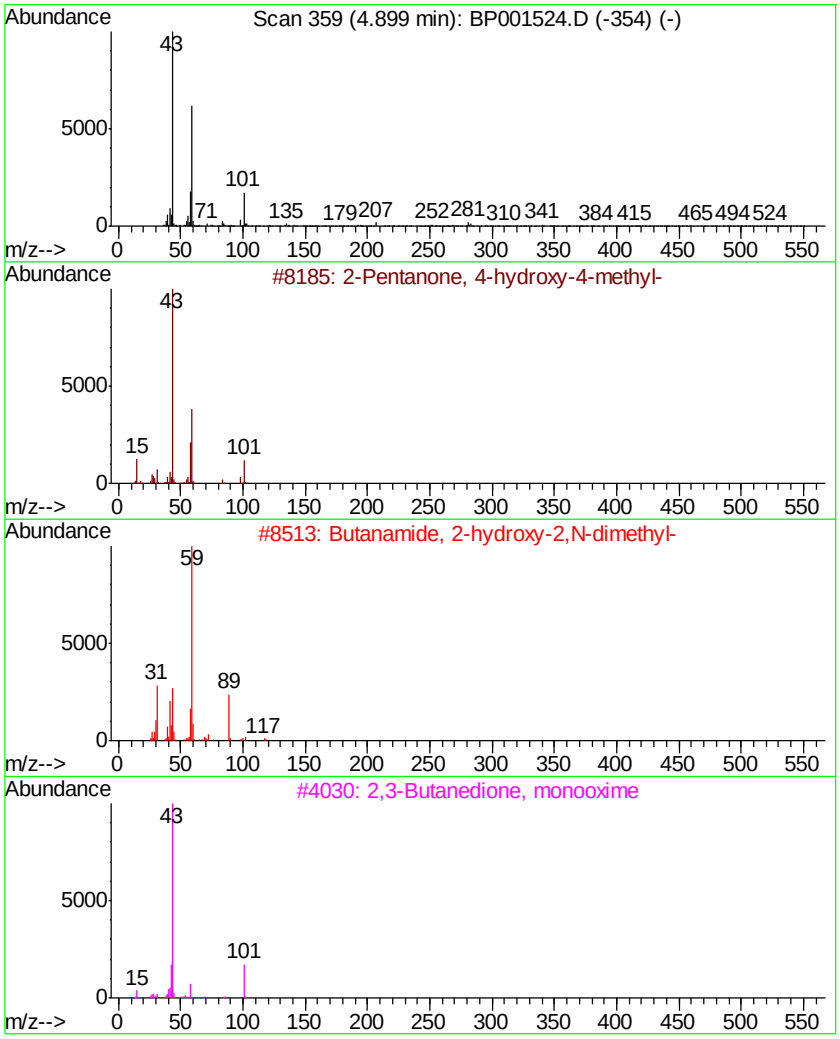
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

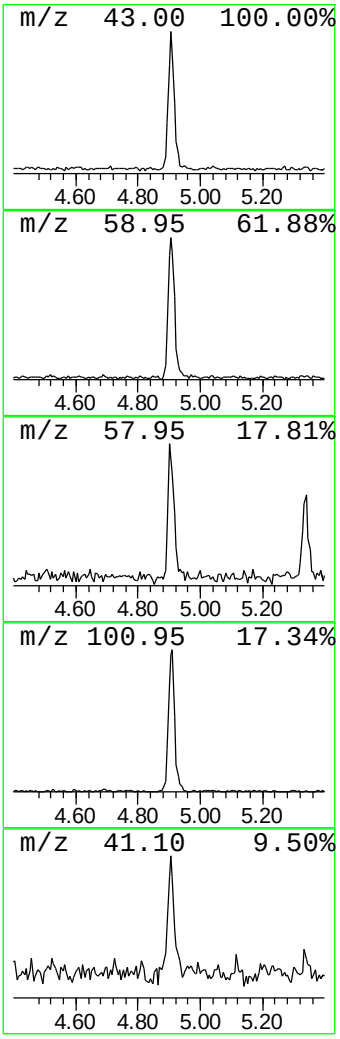
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.00 ng	41312	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	1,1-Dimethyl-2-[2-(methoxycarbon...	160	C7H16N2O2	097812-30-1	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

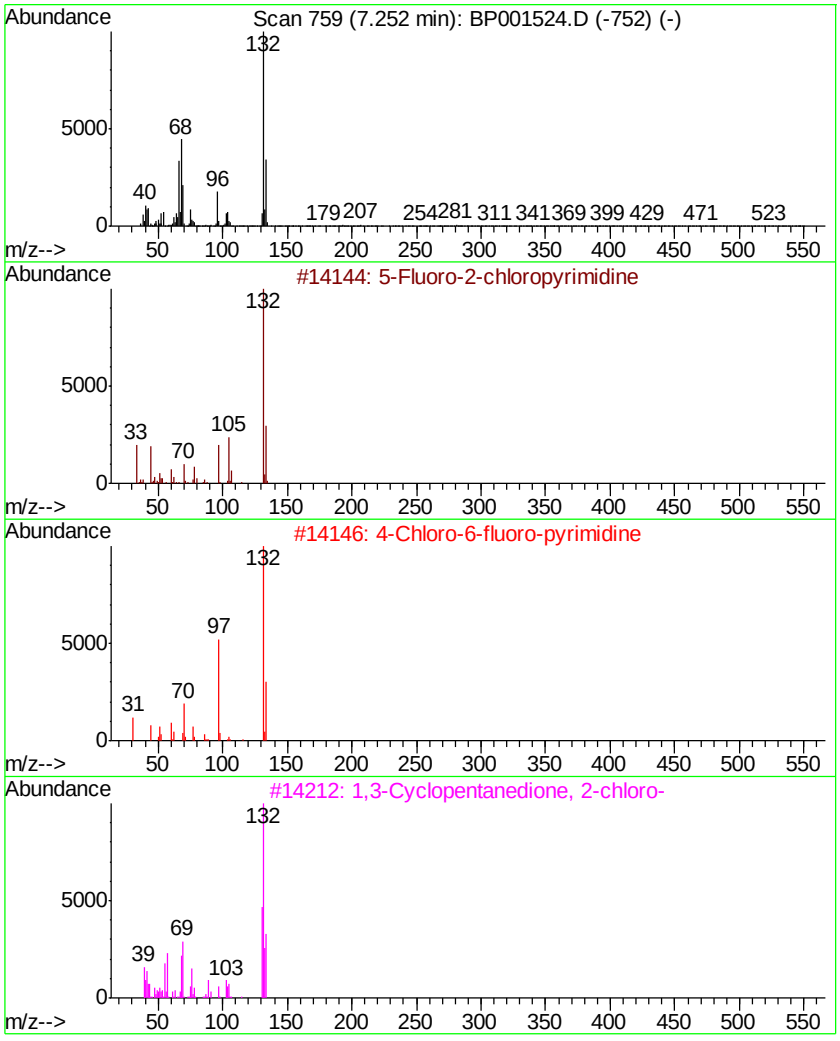
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

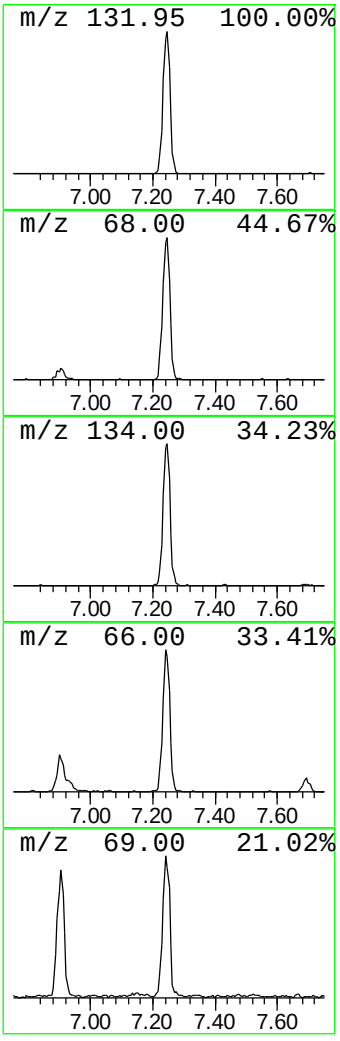
****

Peak Number 3 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	10.44 ng	215663	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

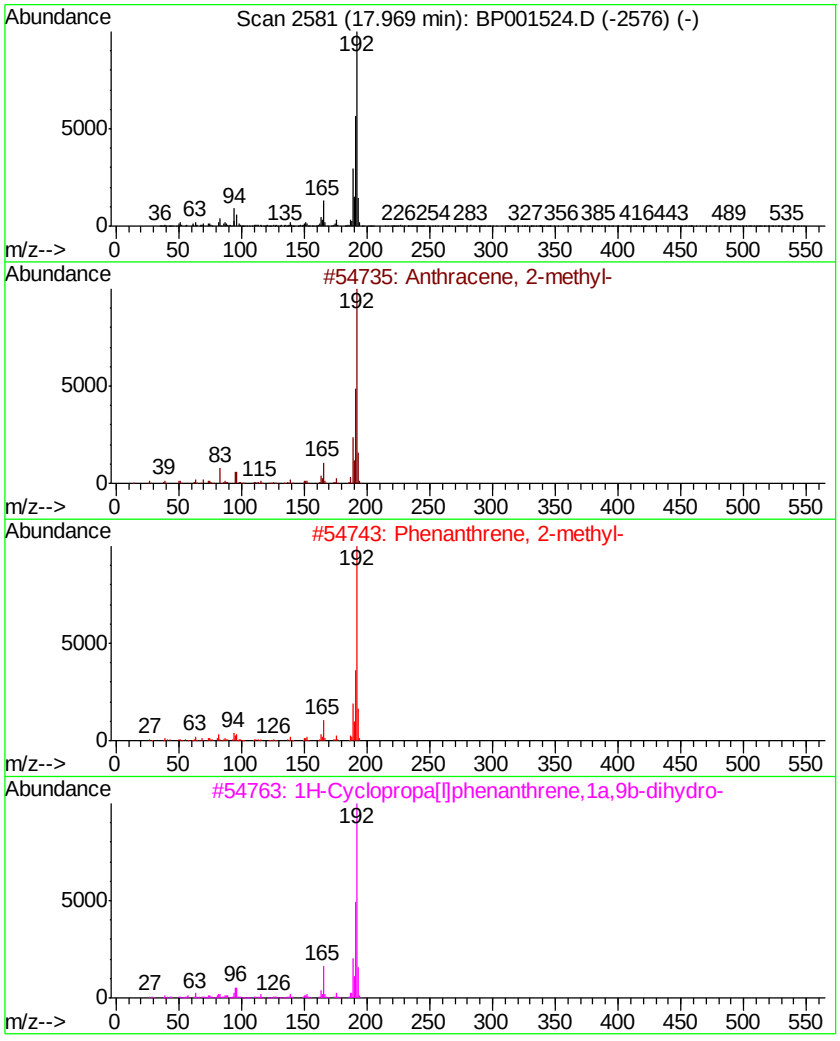
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

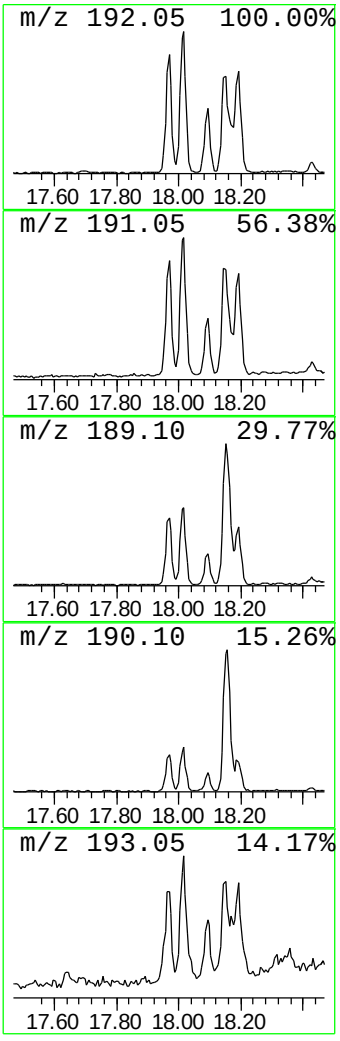
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.21 ng	180275	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

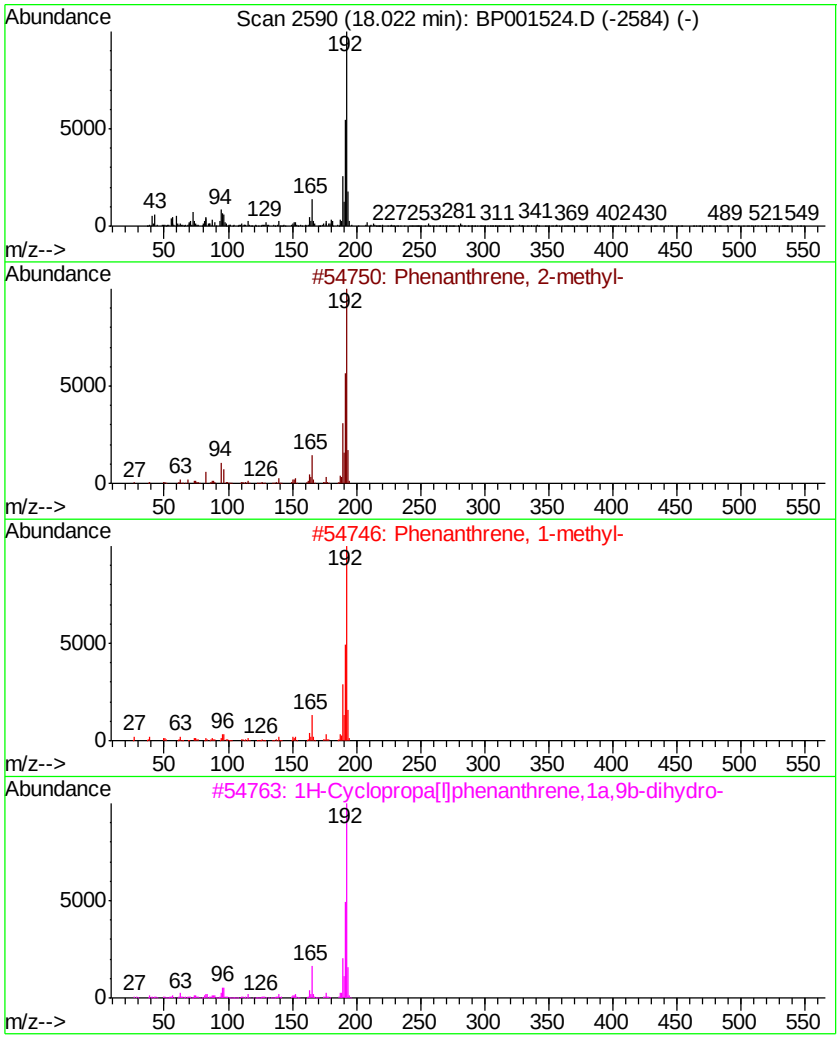
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

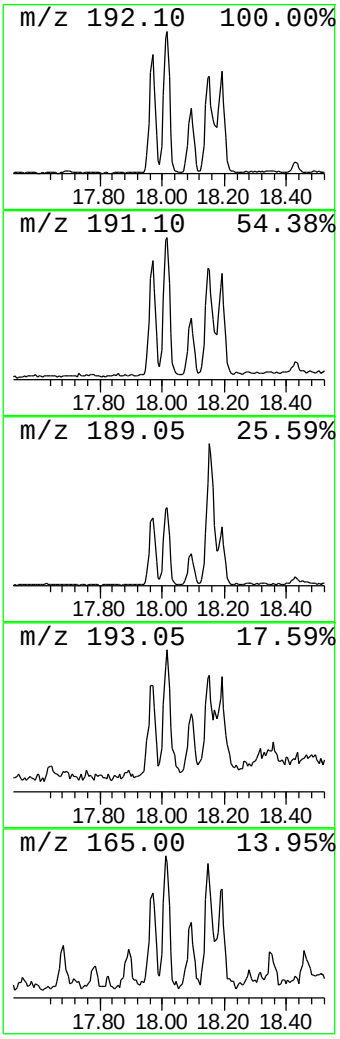
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.84 ng	293140	Phenanthrene-d10	17.09

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

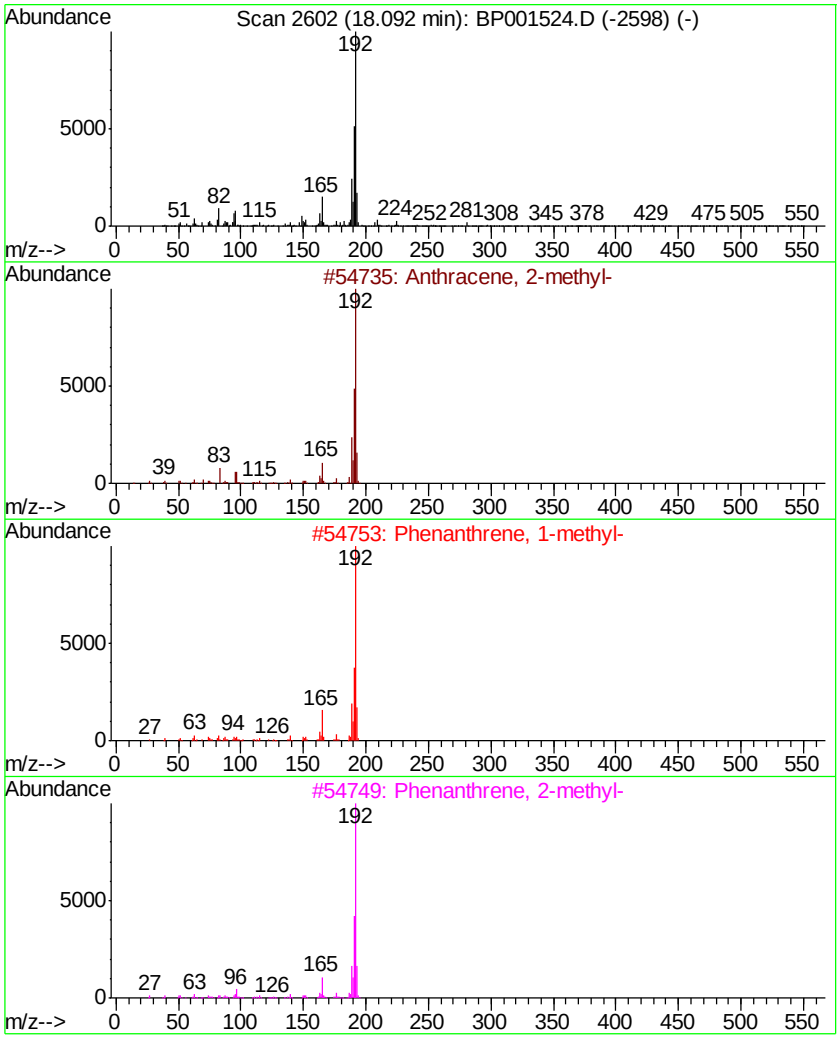
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

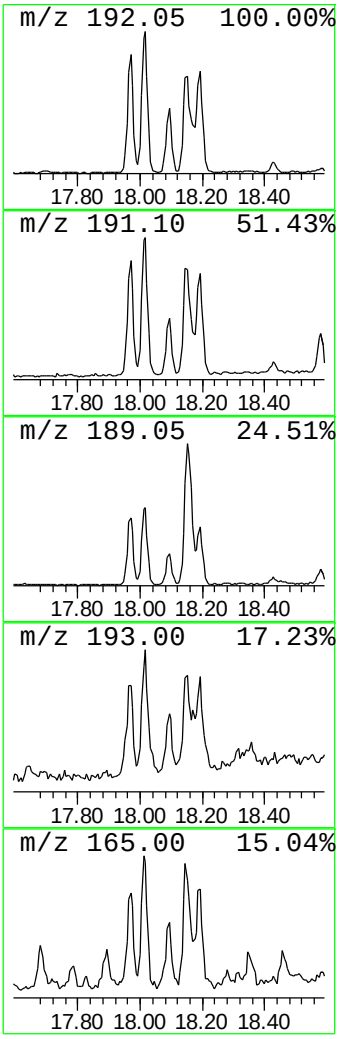
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.35 ng	100559	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

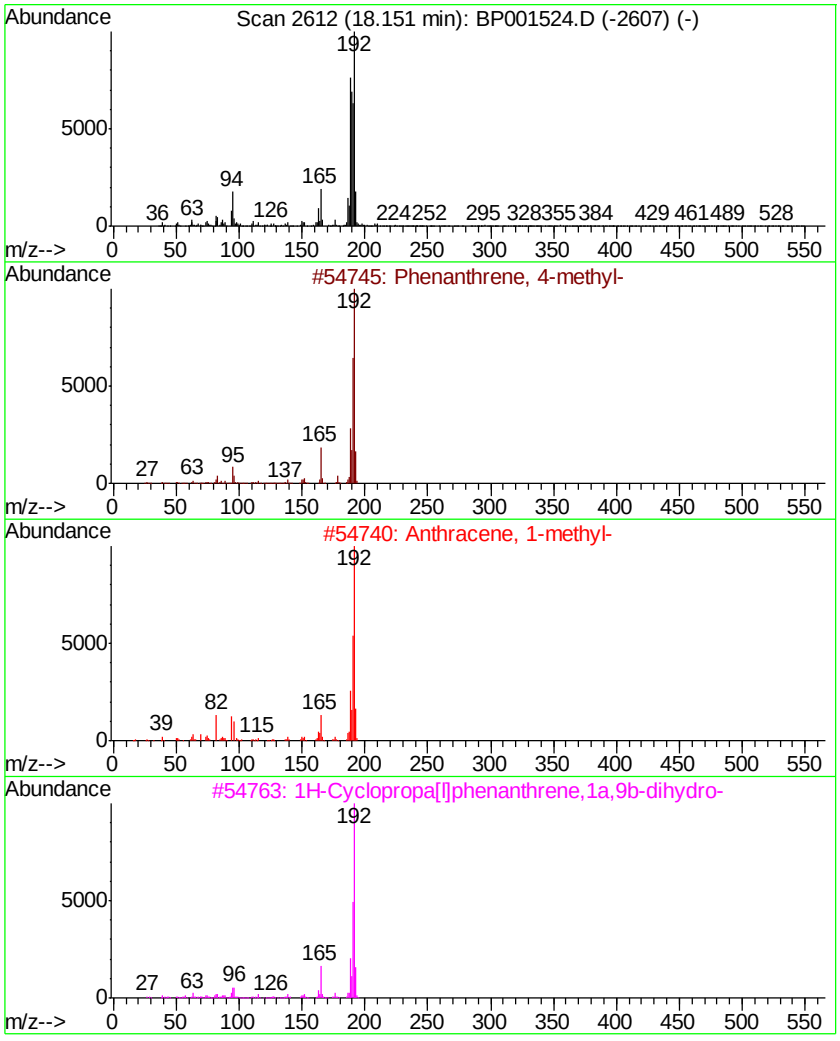
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

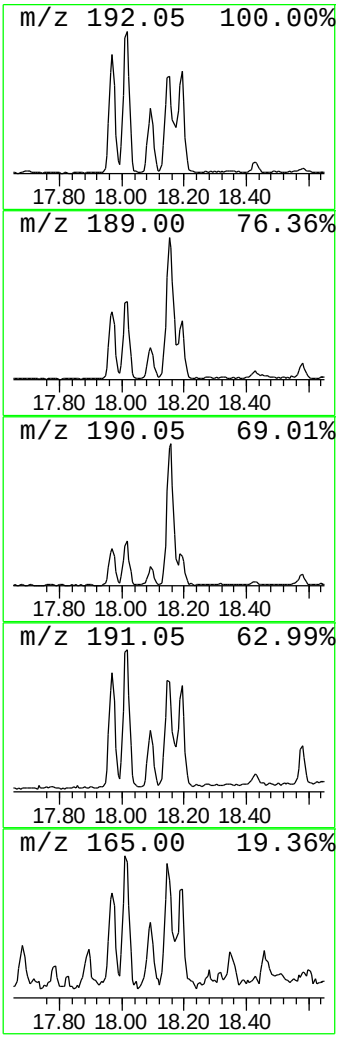
****

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	7.32 ng	313674	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

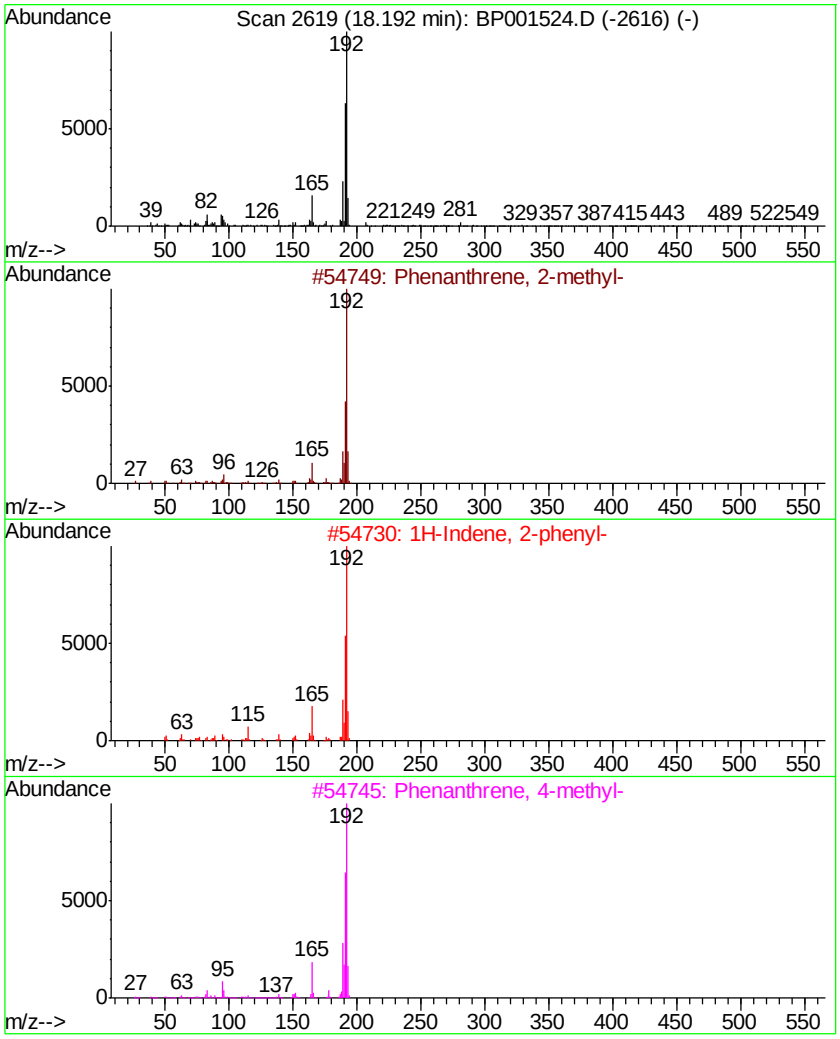
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

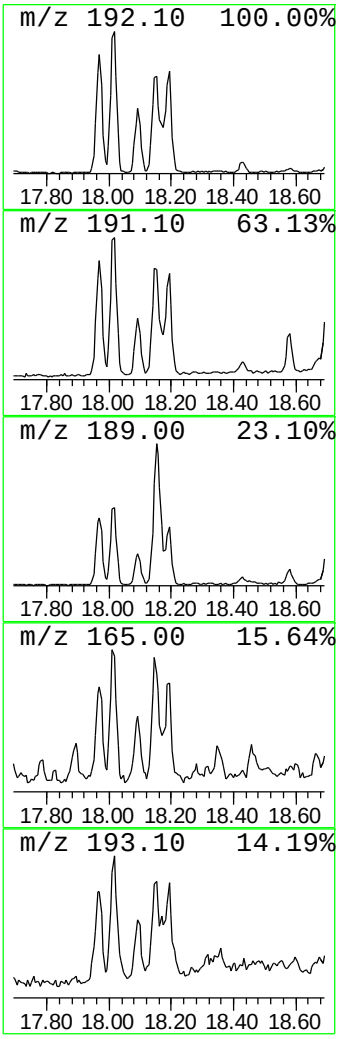
****

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.56 ng	152392	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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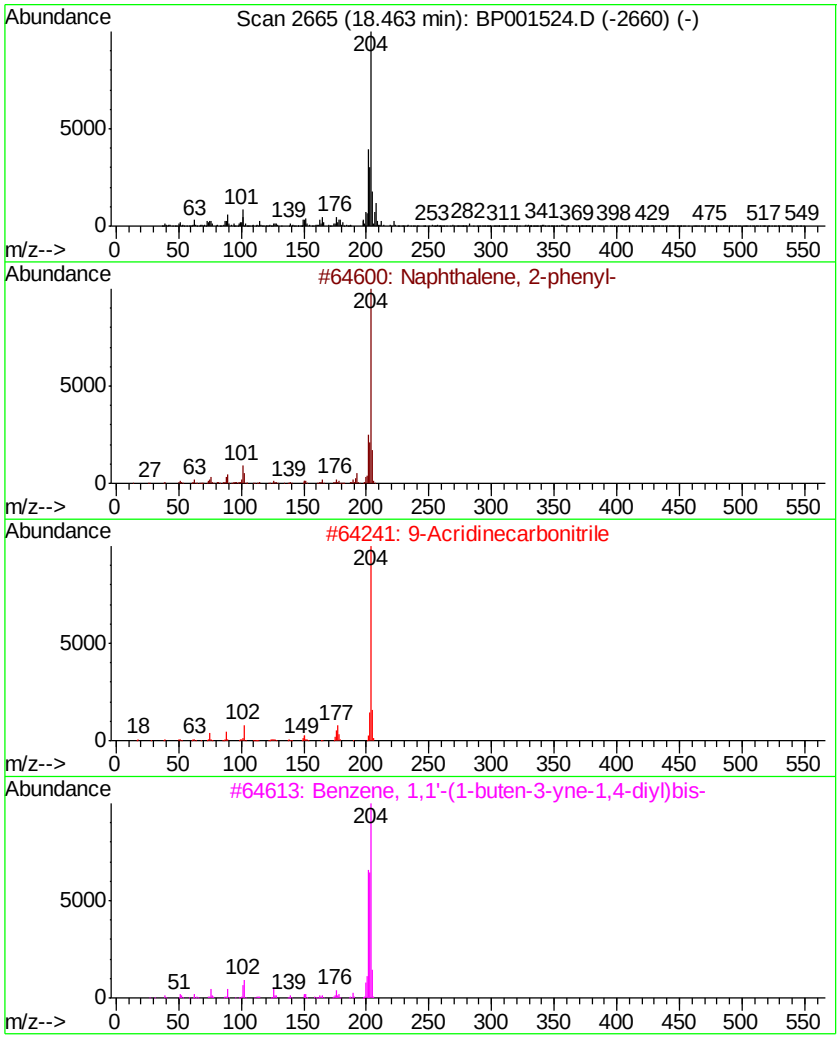
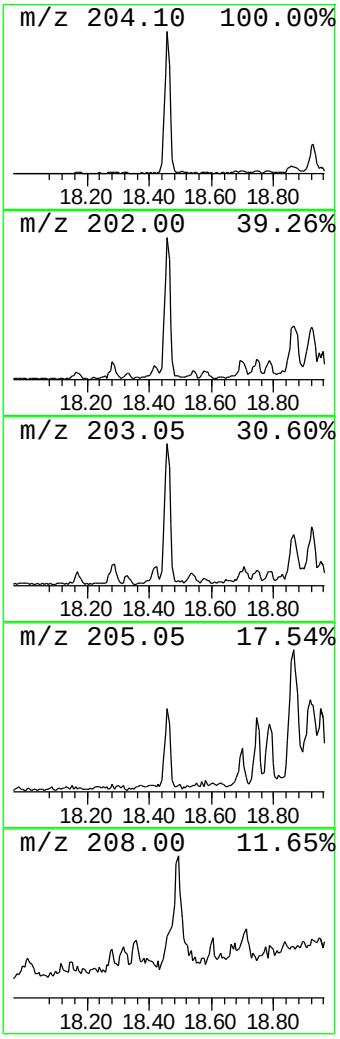
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.91 ng	124722	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	64
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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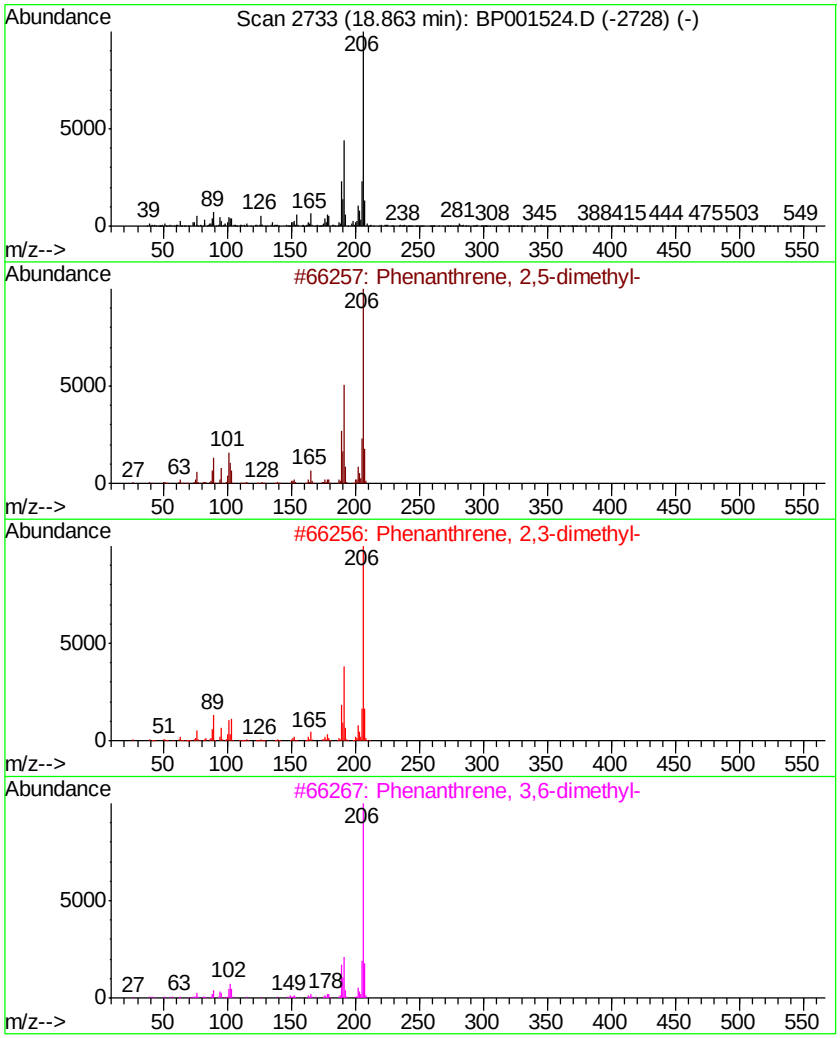
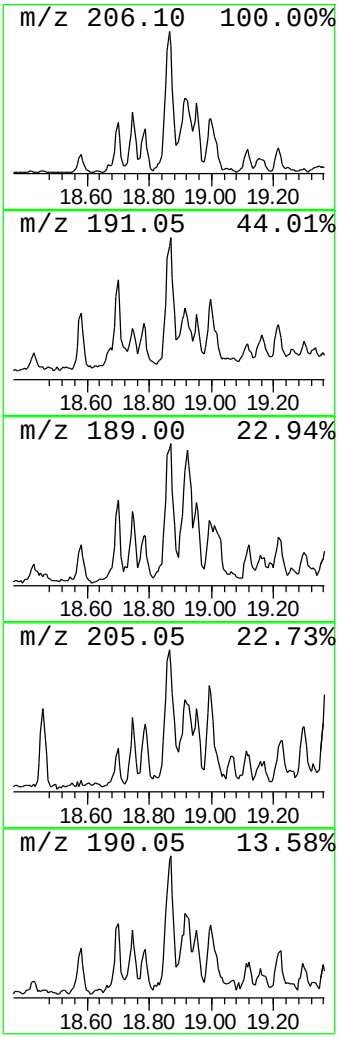
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	5.92 ng	253966	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	80





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Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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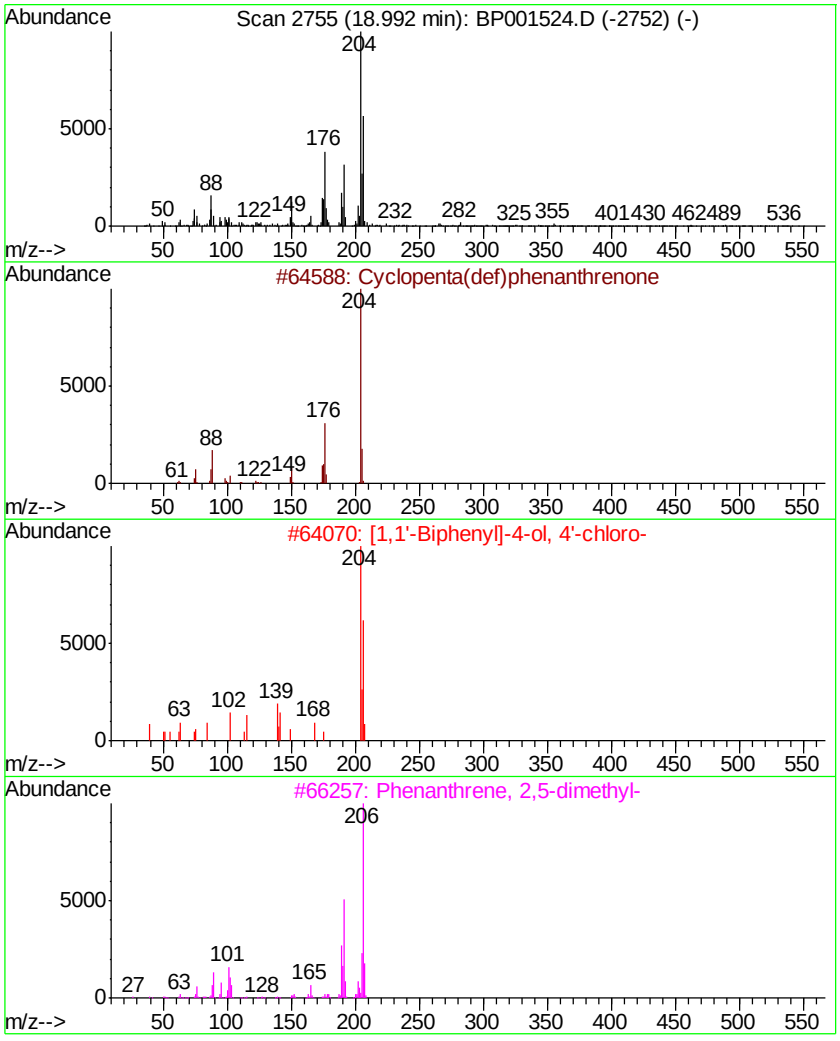
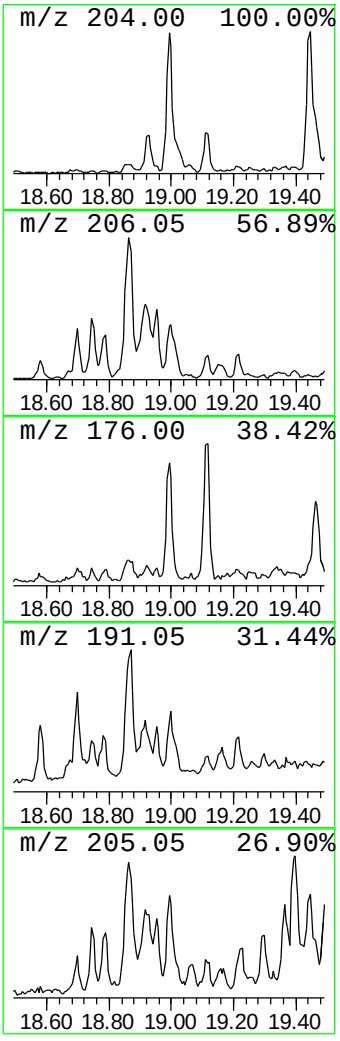
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.08 ng	174764	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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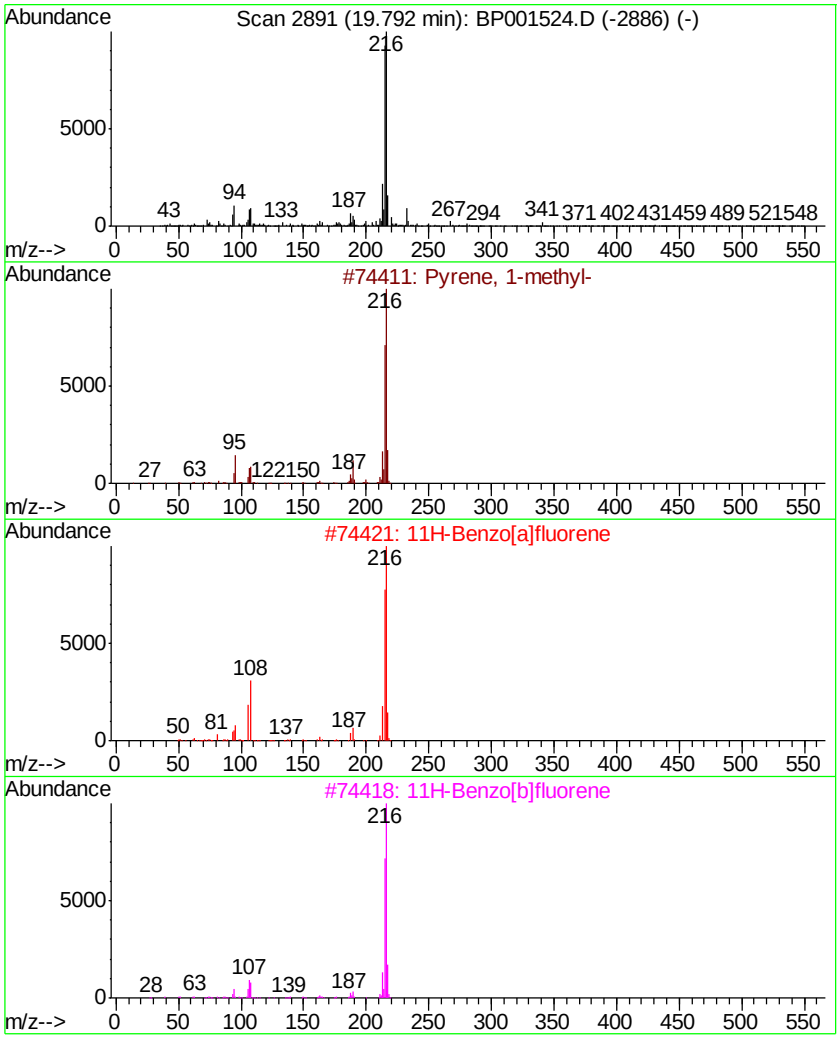
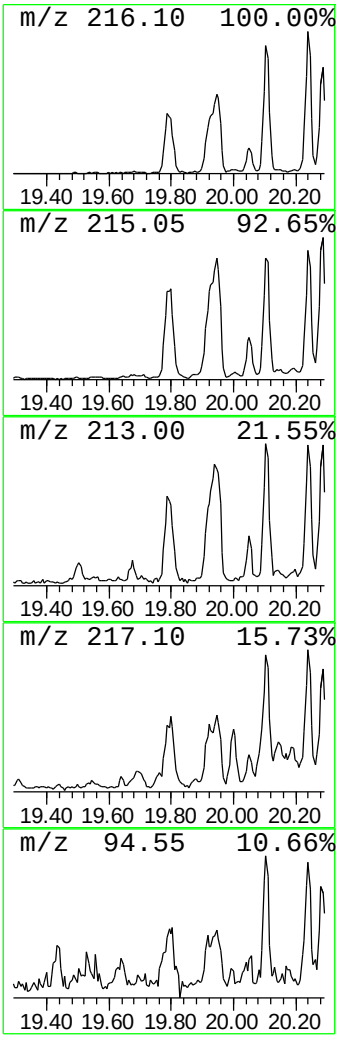
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	3.19 ng	313336	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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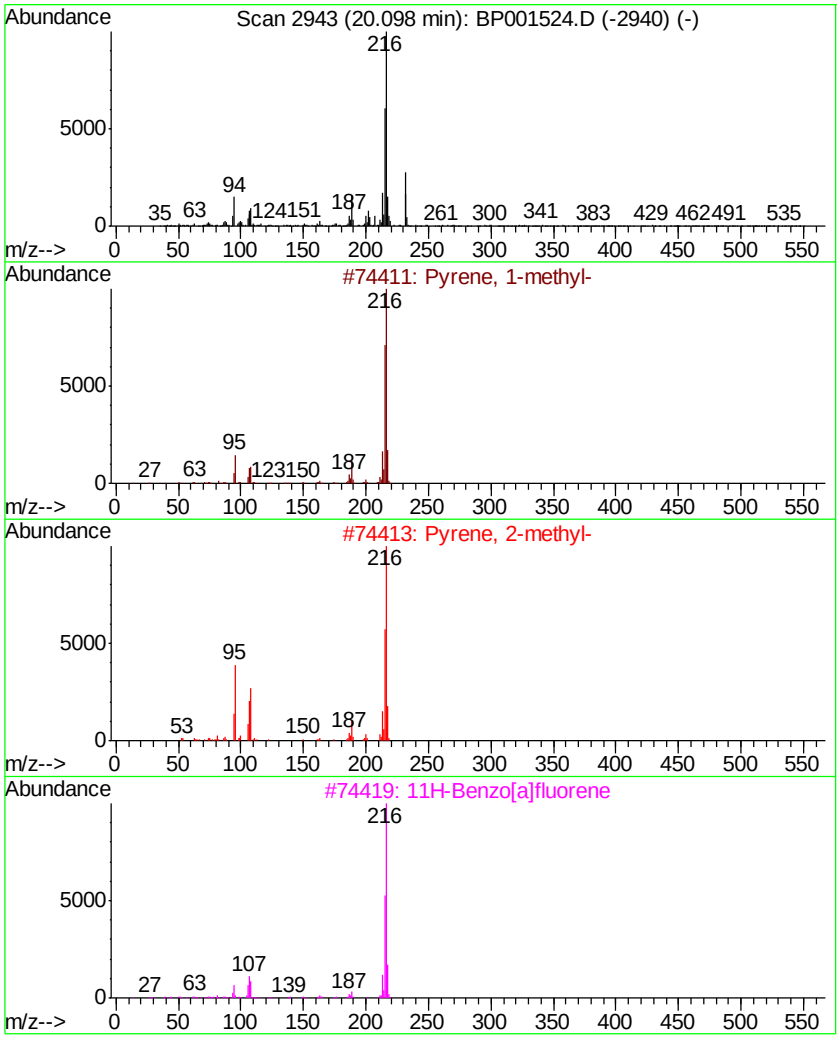
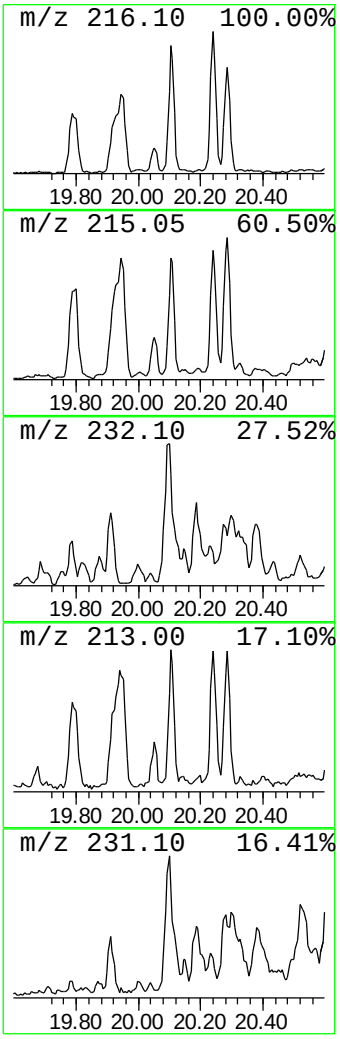
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.23 ng	317436	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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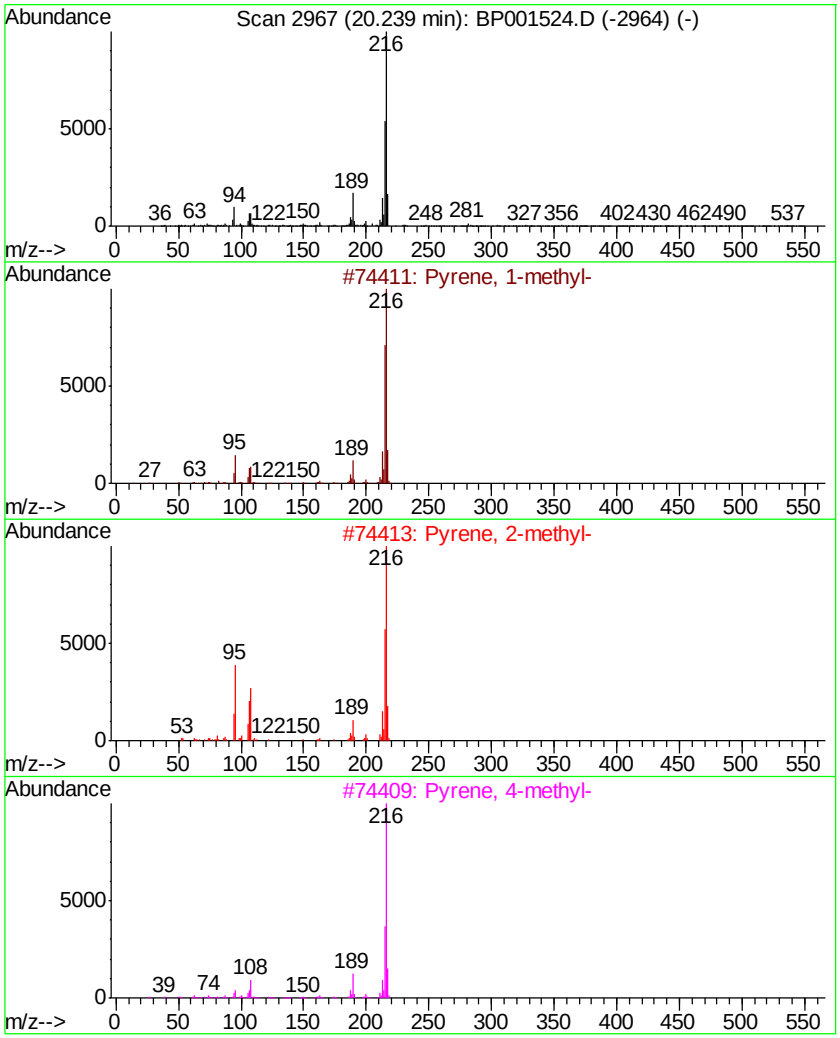
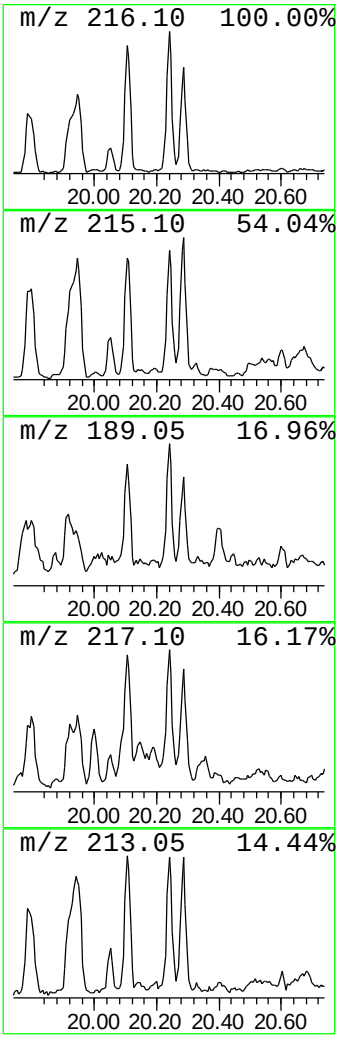
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.49 ng	244225	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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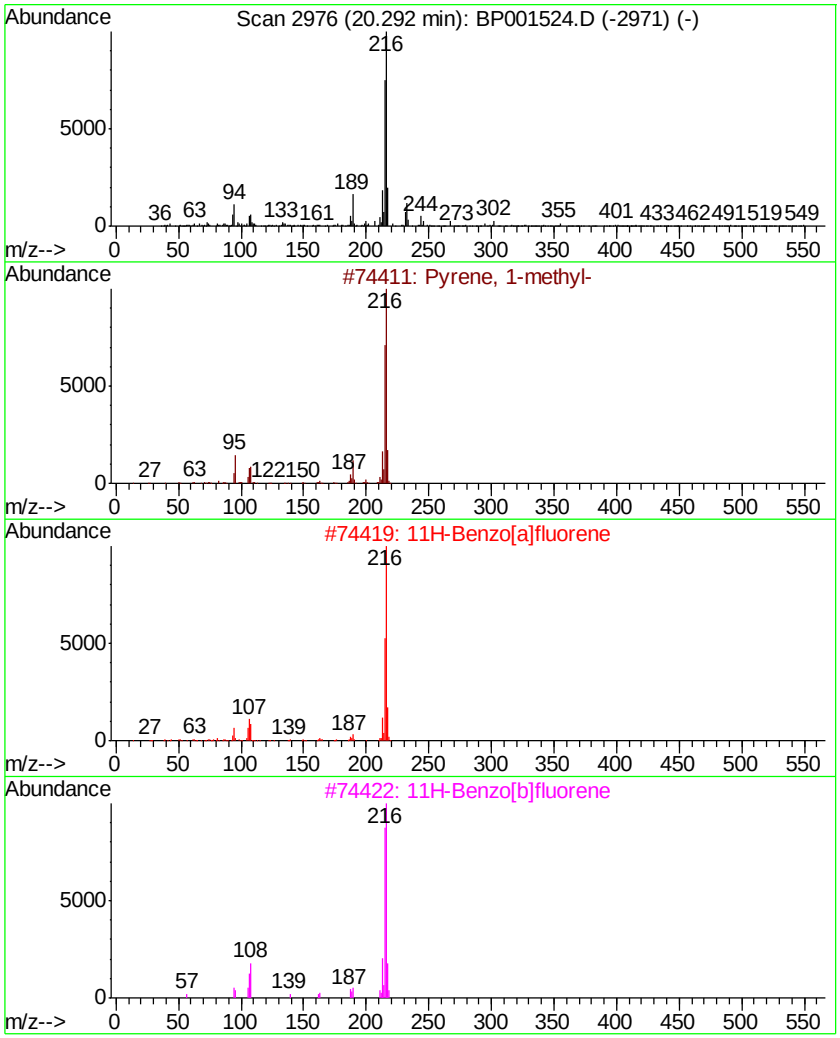
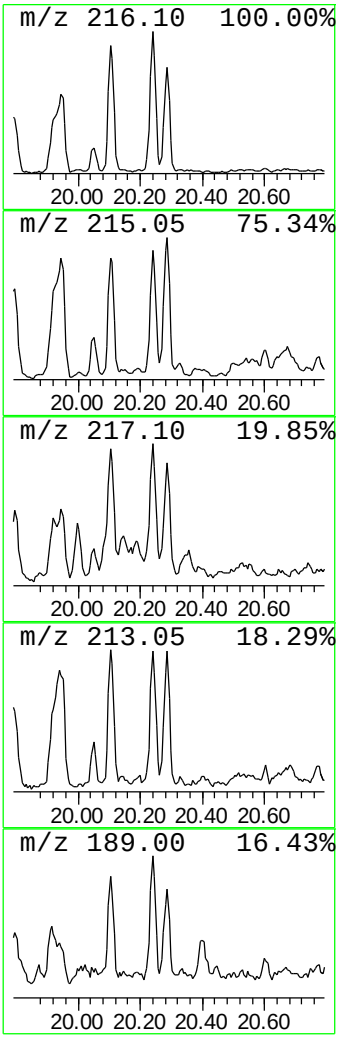
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.57 ng	252232	Chrysene-d12	21.19

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	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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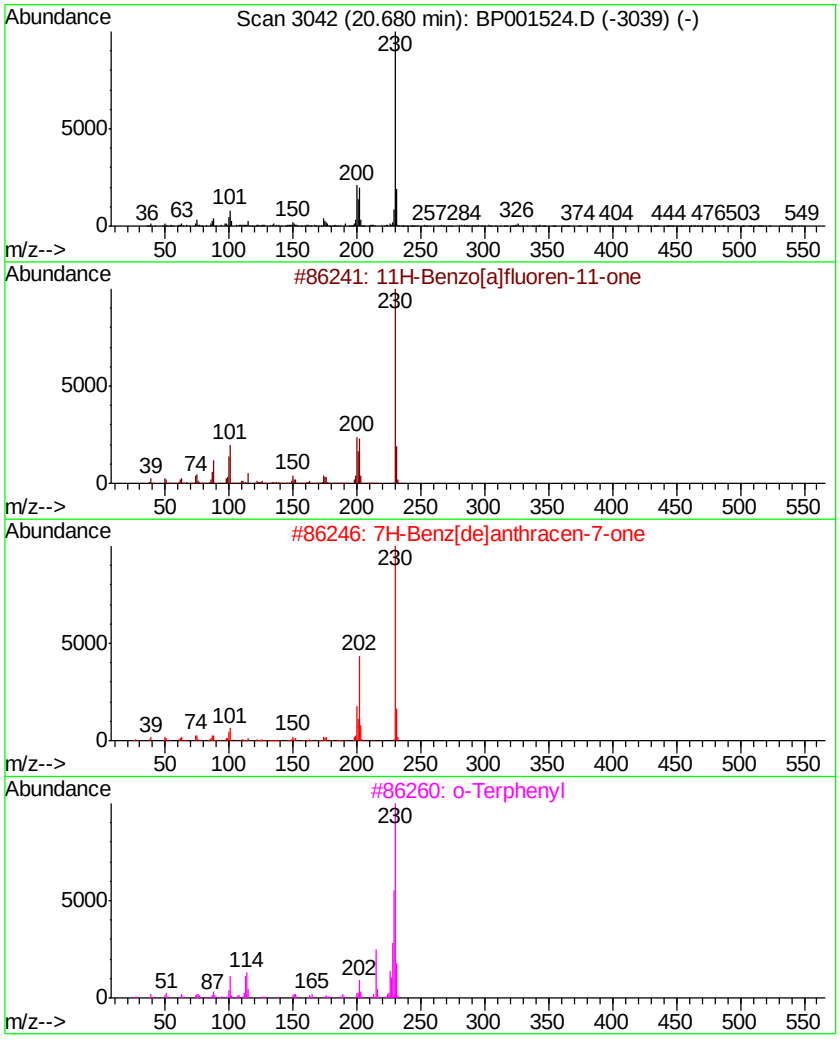
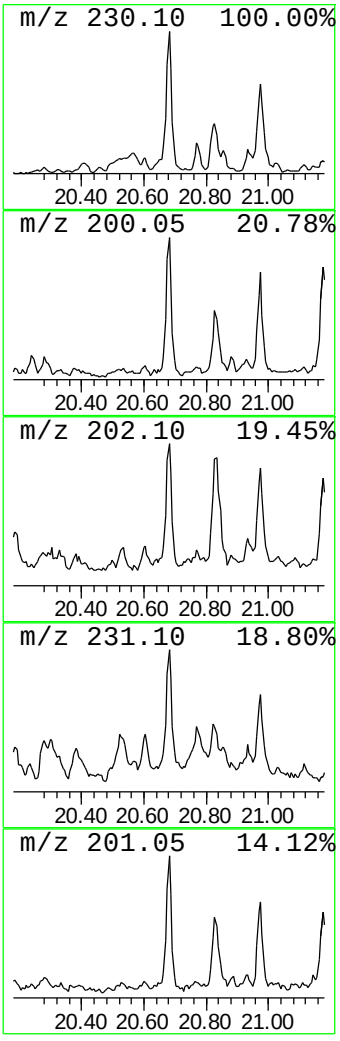
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.63 ng	258474	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	50
4	m-Terphenyl	230	C18H14	000092-06-8	50
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\
Data File : BP001524.D
Acq On : 04 Jan 2020 00:35
Operator : JU
Sample : K6471-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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
Butane, 2-methoxy...	3.02	2.1	ng	44240	1	7.69	413043	20.0
2-Pentanone, 4-hy...	4.90	2.0	ng	41312	1	7.69	413043	20.0
unknown7.25	7.25	10.4	ng	215663	1	7.69	413043	20.0
Anthracene, 2-met...	17.97	4.2	ng	180275	4	17.09	857311	20.0
Phenanthrene, 2-m...	18.02	6.8	ng	293140	4	17.09	857311	20.0
Phenanthrene, 1-m...	18.09	2.4	ng	100559	4	17.09	857311	20.0
Phenanthrene, 4-m...	18.15	7.3	ng	313674	4	17.09	857311	20.0
1H-Indene, 2-phenyl-	18.19	3.6	ng	152392	4	17.09	857311	20.0
Naphthalene, 2-ph...	18.46	2.9	ng	124722	4	17.09	857311	20.0
Phenanthrene, 2,5...	18.86	5.9	ng	253966	4	17.09	857311	20.0
Cyclopenta(def)ph...	18.99	4.1	ng	174764	4	17.09	857311	20.0
Pyrene, 1-methyl-	19.79	3.2	ng	313336	5	21.19	1963270	20.0
Pyrene, 2-methyl-	20.10	3.2	ng	317436	5	21.19	1963270	20.0
Pyrene, 4-methyl-	20.24	2.5	ng	244225	5	21.19	1963270	20.0
11H-Benzo[a]fluorene	20.29	2.6	ng	252232	5	21.19	1963270	20.0
11H-Benzo[a]fluor...	20.68	2.6	ng	258474	5	21.19	1963270	20.0