LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

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_M\METHODS\8270-BM060520.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	5.051	362	368	375	rBV	491284	721728	18.73%	1.630%
2	5.463	431	438	444	rBV7	15983	43335	1.12%	0.098%
3	6.622	629	635	649	rVB	494047	767853	19.93%	1.734%
4	7.081	707	713	719	rBV6	19094	50153	1.30%	0.113%
5	7.416	764	770	778	rVB	645297	960657	24.94%	2.169%
6	7.734	817	824	831	rBV	412381	641307	16.65%	1.448%
7	8.563	959	965	974	rBV	302674	470681	12.22%	1.063%
8	9.216	1072	1076	1081	rBV	31060	46323	1.20%	0.105%
9	10.175	1233	1239	1245	rBV	777717	1283185	33.31%	2.898%
10	10.228	1245	1248	1254	rVB	73713	111249	2.89%	0.251%
11	10.698	1322	1328	1335	rBV	24985	44102	1.14%	0.100%
12	10.833	1344	1351	1356	rBV	26570	48926	1.27%	0.110%
13	11.851	1515	1524	1534	rBV3	50079	104009	2.70%	0.235%
14	12.075	1557	1562	1567	rBV	31198	45583	1.18%	0.103%
15	12.680	1658	1665	1671	rBV	697251	1000602	25.97%	2.259%
16	13.222	1749	1757	1767	rBV6	20335	64256	1.67%	0.145%
17	13.386	1780	1785	1790	rVB3	32236	53080	1.38%	0.120%
18	13.545	1805	1812	1817	rBV	118722	171375	4.45%	0.387%
19	13.786	1845	1853	1859	rBV	65320	115915	3.01%	0.262%
20	14.069	1895	1901	1907	rBV	1056990	1535532	39.86%	3.467%
21	14.133	1907	1912	1917	rBV	129697	173338	4.50%	0.391%
22	14.474	1964	1970	1977	rBV	99448	166375	4.32%	0.376%
23	14.968	2049	2054	2058	rVB3	29920	43689	1.13%	0.099%
24	15.127	2076	2081	2086	rVB2	176041	248358	6.45%	0.561%
25	15.427	2128	2132	2142	rVB	51421	87380	2.27%	0.197%
26	15.568	2151	2156	2166	rVB2	553255	810686	21.04%	1.831%
27	15.833	2194	2201	2204	rBV5	36121	70524	1.83%	0.159%
28	16.115	2245	2249	2251	rBV3	31578	49892	1.30%	0.113%
29	16.410	2296	2299	2306	rVB4	37004	50004	1.30%	0.113%
30	16.486	2308	2312	2320	rVB4	44189	82491	2.14%	0.186%
31	16.580	2322	2328	2332	rBV5	44088	100130	2.60%	0.226%
32	16.639	2333	2338	2342	rVV2	70396	113538	2.95%	0.256%
33	16.827	2364	2370	2373	rBV	1216248	1724582	44.76%	3.894%
34	16.868	2373	2377	2382	rVB	1390874	1848253	47.97%	4.173%

LSC Area Percent Report

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Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

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_M\METHODS\8270-BM060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.957	2387	2392	2399	rVB	384162	511730	13.28%	1.156%
36	17.021	2400	2403	2410	rVB3	45675	78633	2.04%	0.178%
37	17.233	2436	2439	2444	rVB	110065	129628	3.36%	0.293%
38	17.357	2457	2460	2465	rVB3	39463	53978	1.40%	0.122%
39	17.698	2514	2518	2522	rBV	194420	281391	7.30%	0.635%
40	17.751	2522	2527	2535	rVV2	341846	574268	14.91%	1.297%
41	17.827	2536	2540	2545	rVV	132617	217306	5.64%	0.491%
42	17.892	2546	2551	2555	rVV2	340348	597816	15.52%	1.350%
43	17.933	2555	2558	2565	rVB2	173854	339794	8.82%	0.767%
44	18.051	2576	2578	2581	rBV2	41205	46810	1.22%	0.106%
45	18.121	2586	2590	2596	rVB3	226079	325292	8.44%	0.735%
46	18.209	2602	2605	2608	rVB	101240	105013	2.73%	0.237%
47	18.309	2618	2622	2630	rBV2	347042	442575	11.49%	0.999%
48	18.462	2645	2648	2652	rVB2	89597	108461	2.82%	0.245%
49	18.633	2673	2677	2683	rBV2	129466	253235	6.57%	0.572%
50	18.768	2697	2700	2708	rVB3	97553	177069	4.60%	0.400%
51	18.892	2716	2721	2728	rBV	2041009	2665974	69.20%	6.020%
52	18.968	2731	2734	2736	rBV3	68746	77563	2.01%	0.175%
53	19.256	2775	2783	2788	rBV	1832863	2891263	75.05%	6.529%
54	19.480	2817	2821	2825	rBV	1116726	1288390	33.44%	2.909%
55	19.762	2866	2869	2874	rVB	354287	469700	12.19%	1.061%
56	19.868	2883	2887	2890	rBV	239828	297009	7.71%	0.671%
57	19.921	2893	2896	2900	rVB2	205253	275973	7.16%	0.623%
58	20.515	2994	2997	3002	rVB	364349	446358	11.59%	1.008%
59	20.856	3052	3055	3058	rVB2	290139	326357	8.47%	0.737%
60	21.033	3079	3085	3089	rBV2	2132512	3852624	100.00%	8.700%
61	21.068	3089	3091	3100	rVB	1107798	1373699	35.66%	3.102%
62	21.439	3150	3154	3158	rBV	1062702	1239934	32.18%	2.800%
63	21.503	3161	3165	3171	rVB2	922741	1154416	29.96%	2.607%
64	21.786	3210	3213	3219	rVB2	719461	907163	23.55%	2.048%
65	22.450	3322	3326	3331	rVB	1618495	2120787	55.05%	4.789%
66	22.521	3334	3338	3349	rVB	866229	2270061	58.92%	5.126%
67	22.956	3409	3412	3420	rVB	576525	969228	25.16%	2.189%
68	23.044	3423	3427	3435	rVB	859010	1565867	40.64%	3.536%
69	23.139	3438	3443	3447	rVV	1262446	2001048	51.94%	4.519%

Sum of corrected areas: 44285504

LSC Report - Integrated Chromatogram

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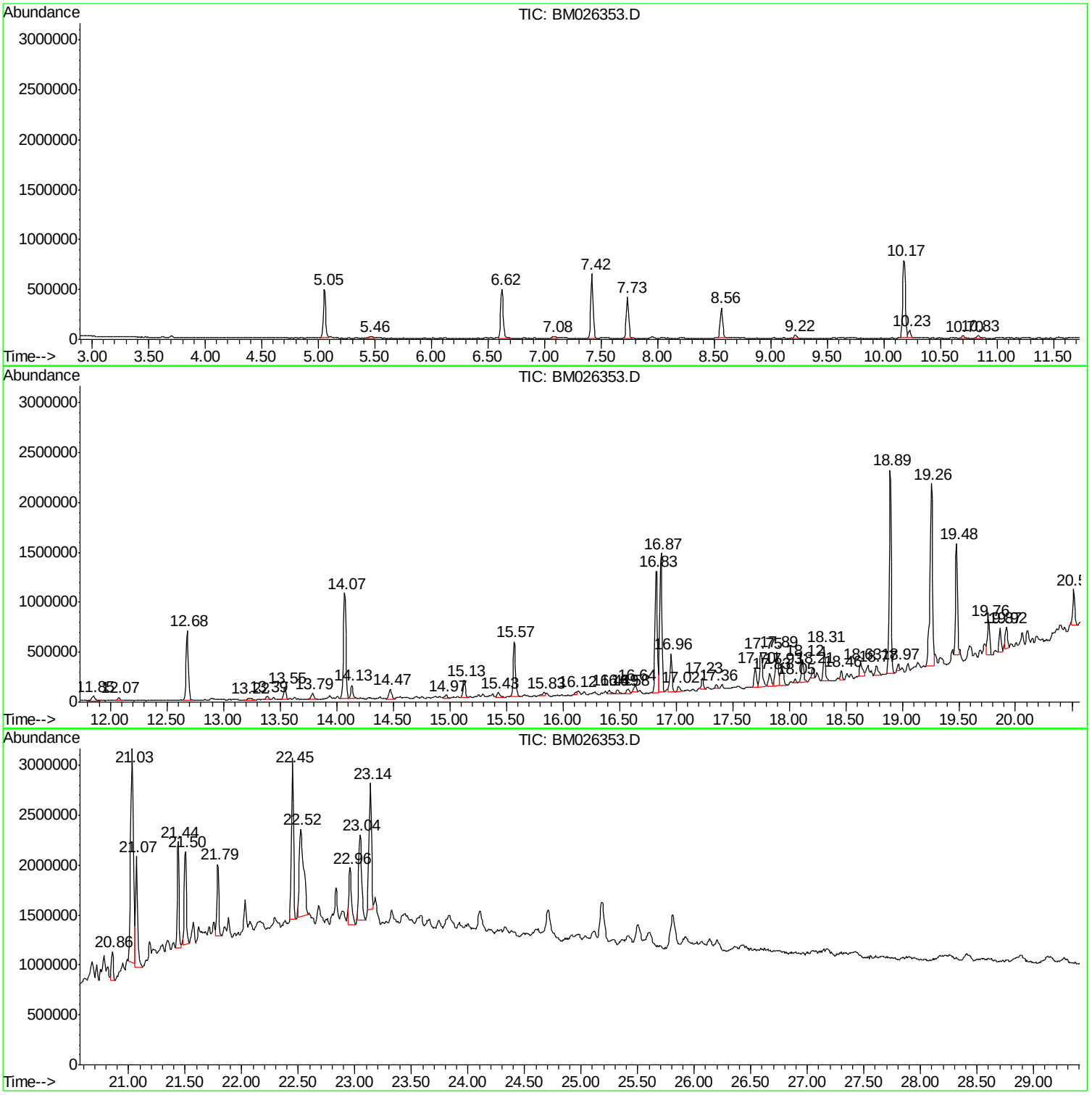
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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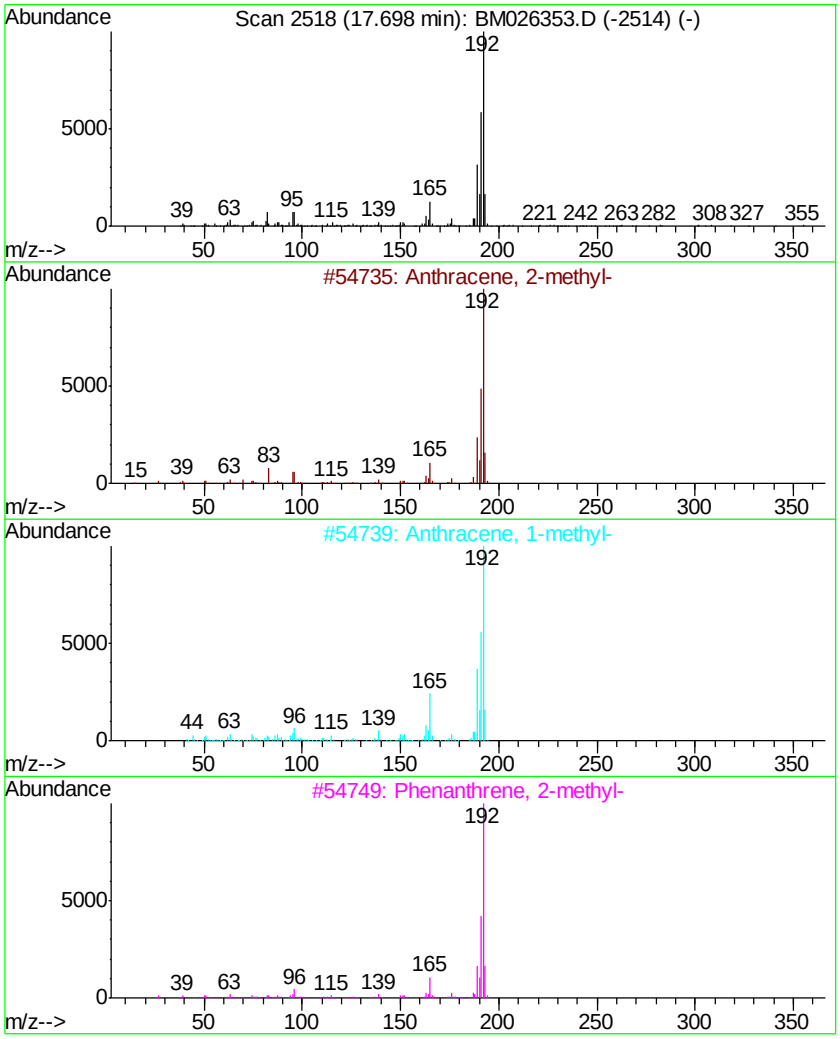
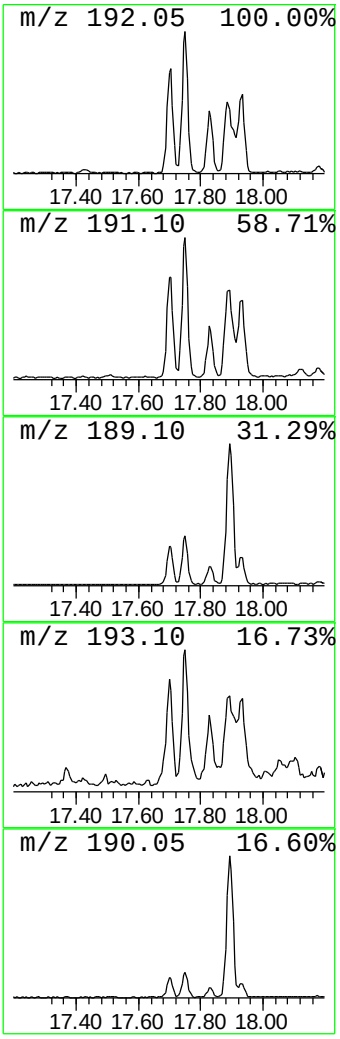
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	3.26 ng	281391	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

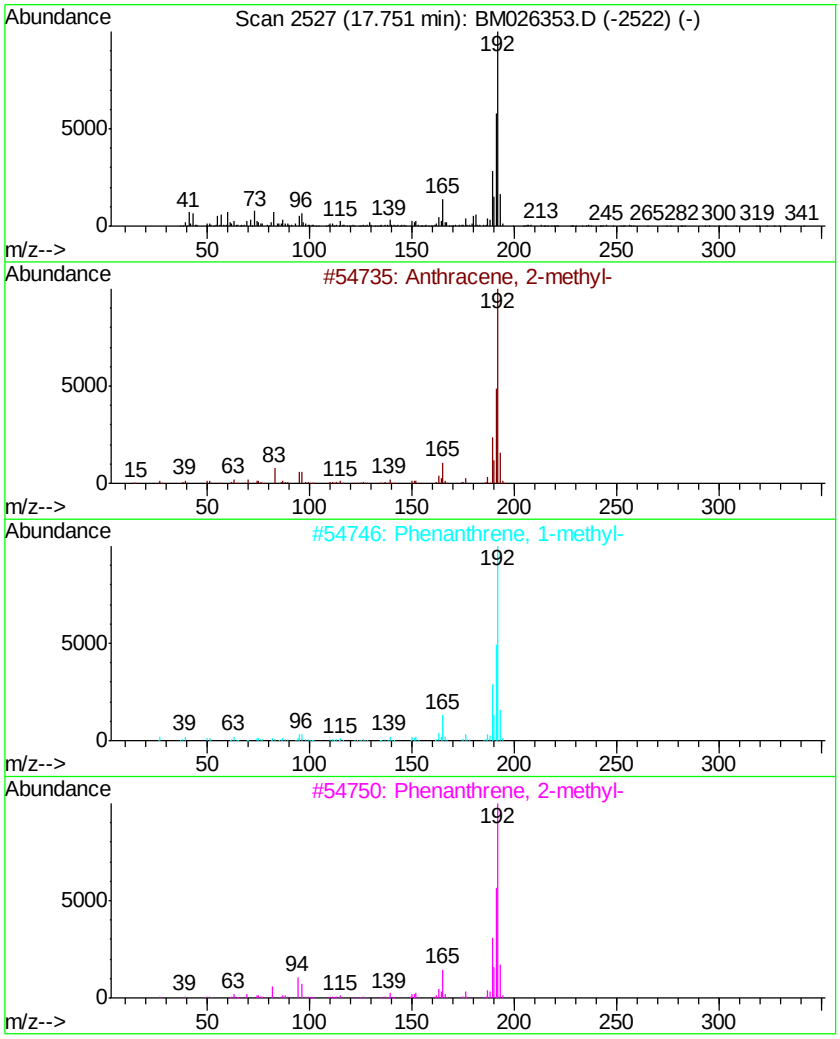
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

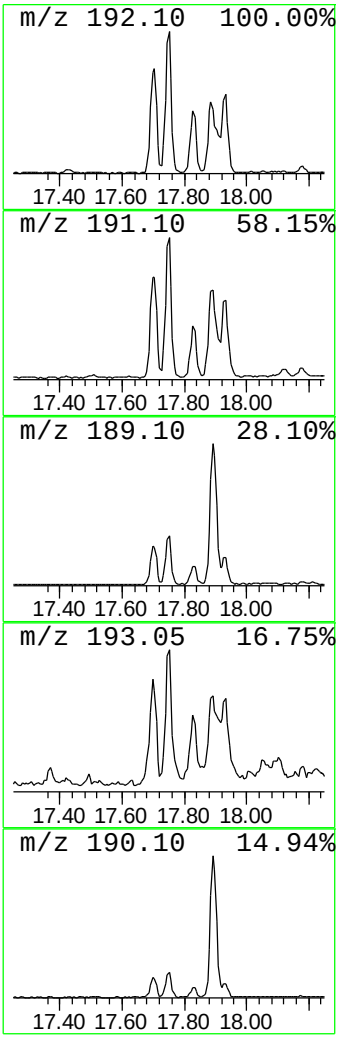
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	6.66 ng	574268	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

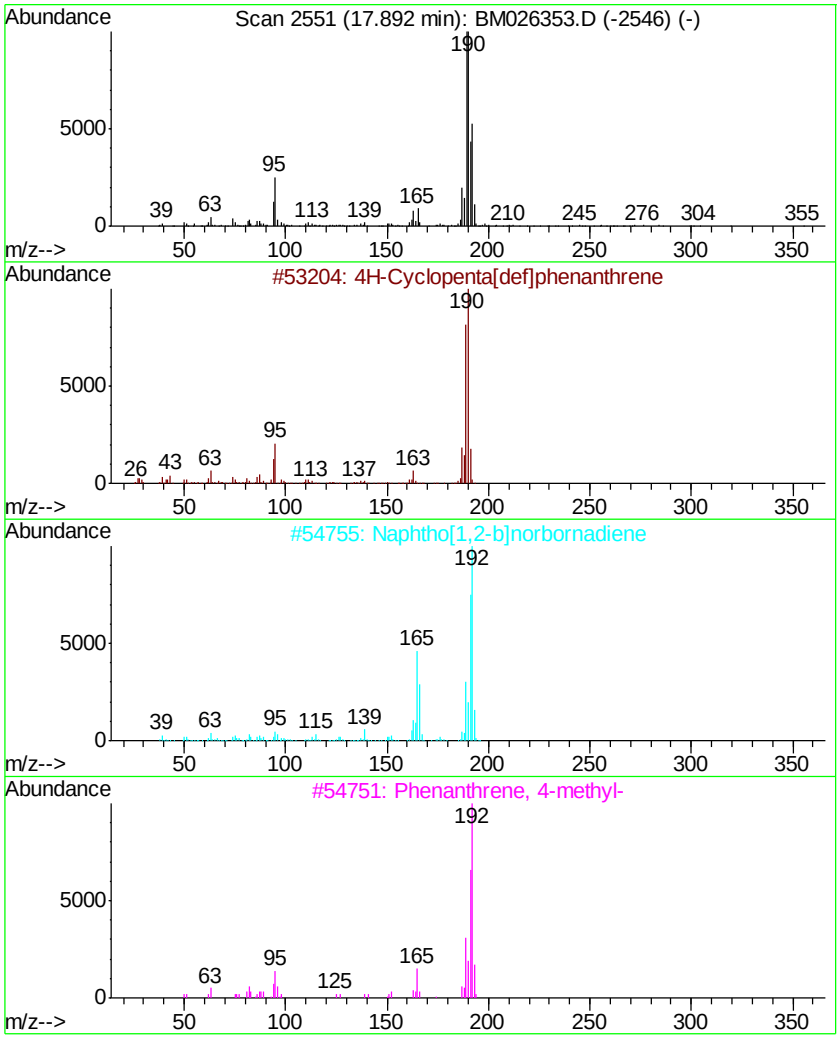
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

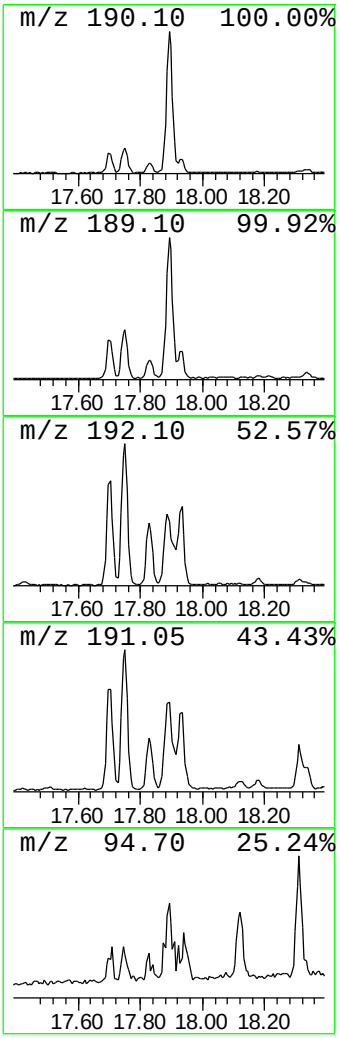
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	6.93 ng	597816	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Library Search Compound Report

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Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
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Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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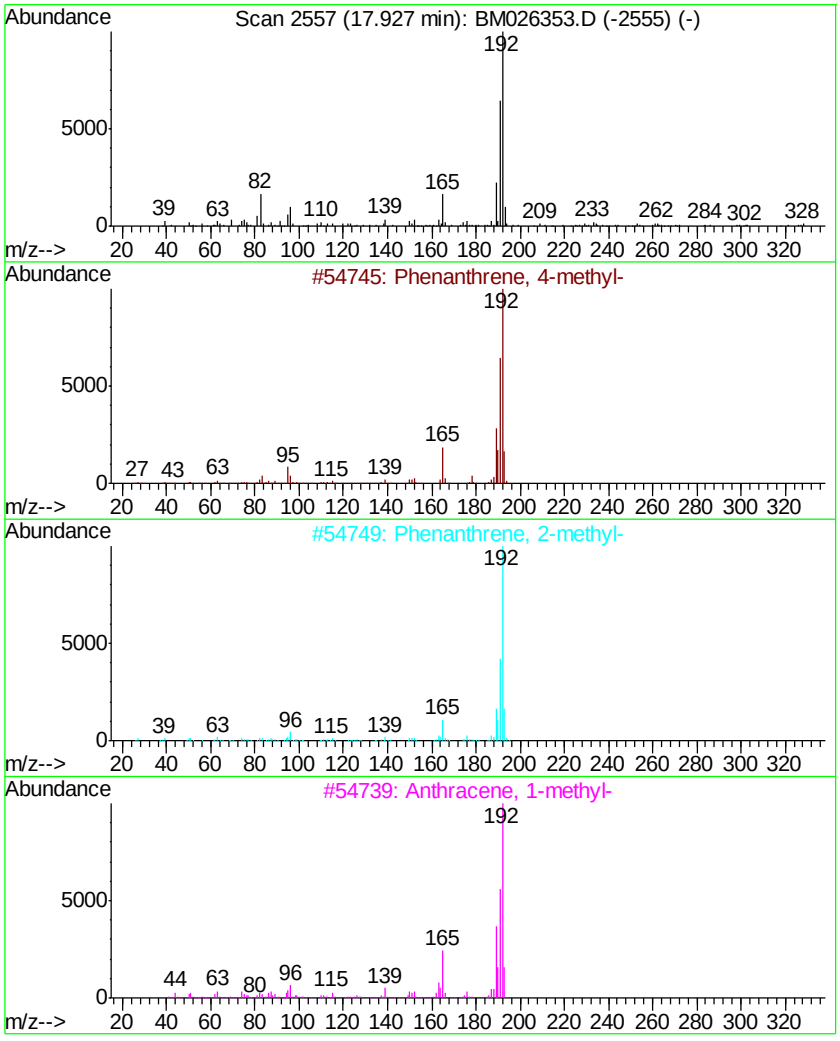
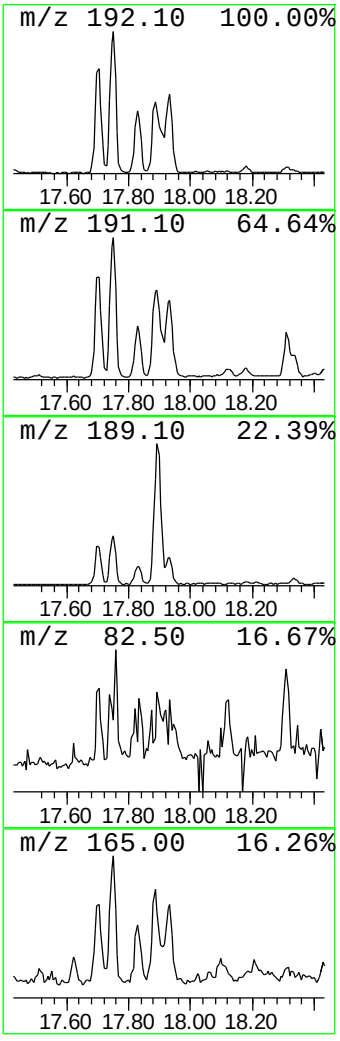
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.94 ng	339794	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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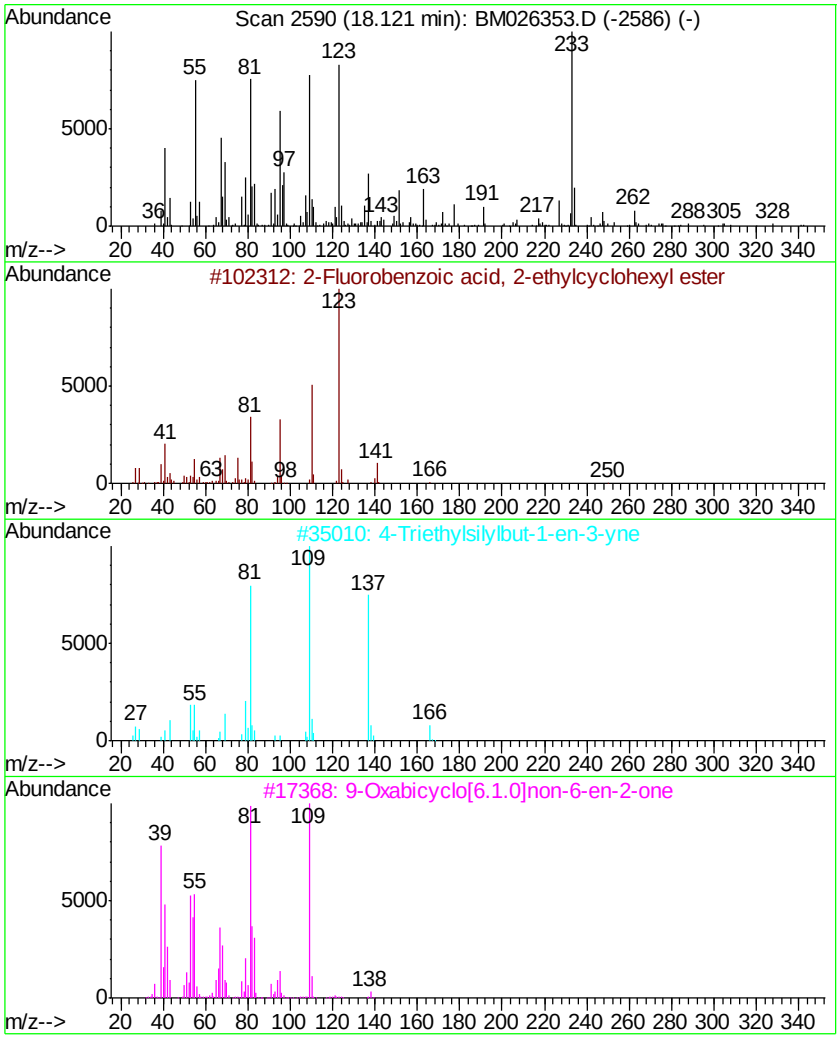
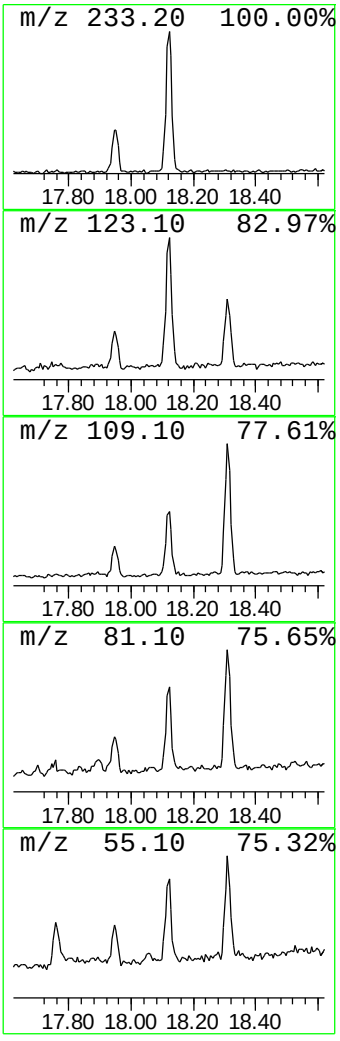
Peak Number 8 unknown18.12 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.77 ng	325292	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	38
2	4-Triethylsilylbut-1-en-3-yne	166	C10H18Si	001693-70-5	27
3	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	25
4	3-Bromomethyl-3,6,6-trimethyl-cy...	216	C10H17Br	1000185-63-8	25
5	Bicyclo[2.2.2]octane, 1-methyl-4...	202	C10H18O2S	069855-48-7	22





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

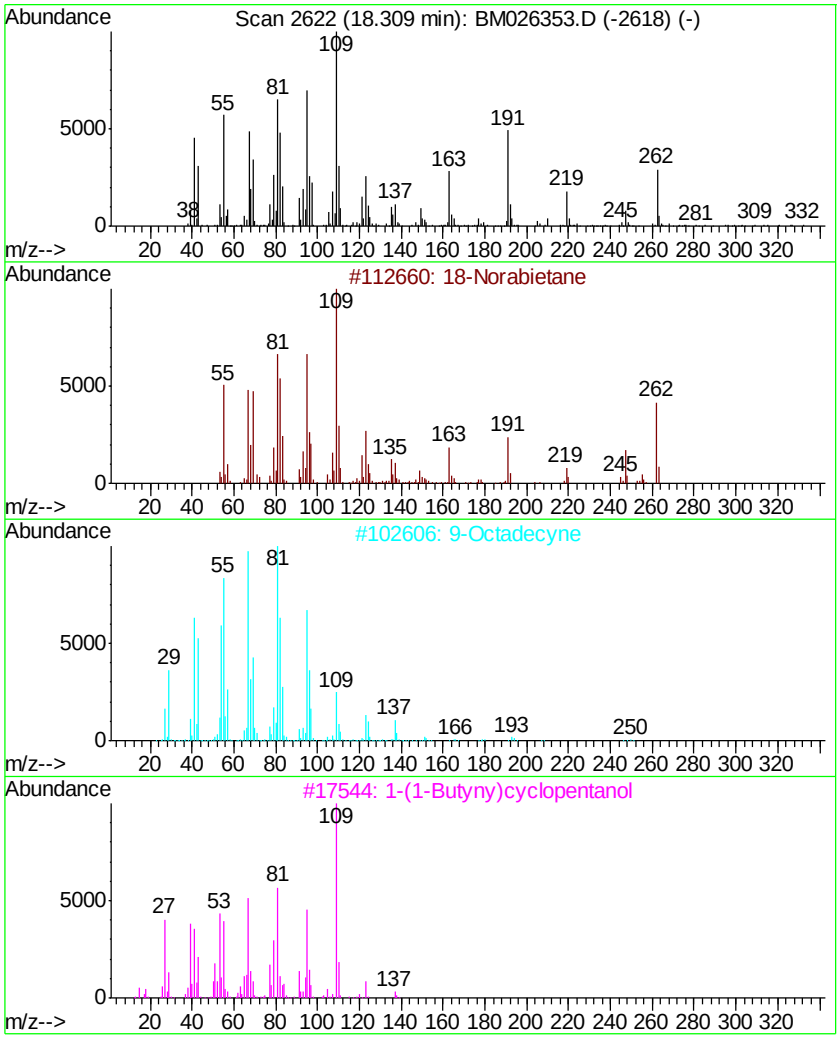
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

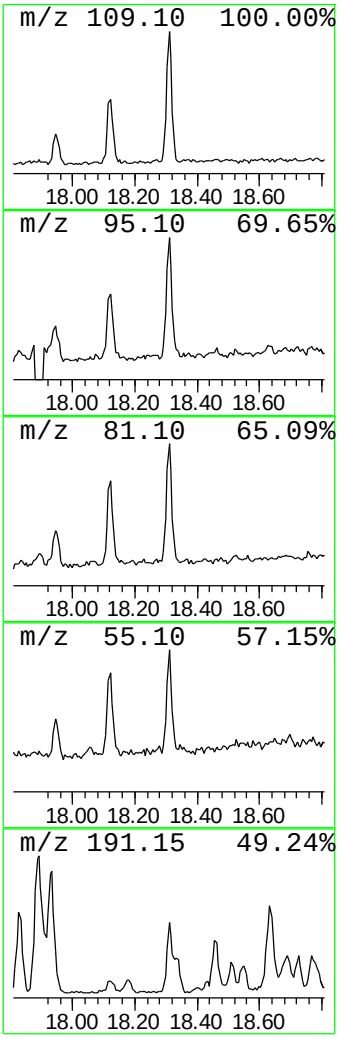
****

Peak Number 9 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.13 ng	442575	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	91
2	9-Octadecyne	250	C18H34	035365-59-4	59
3	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	38
4	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	38
5	9-Tetradecenal, (Z)-	210	C14H26O	053939-27-8	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026353.D
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Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

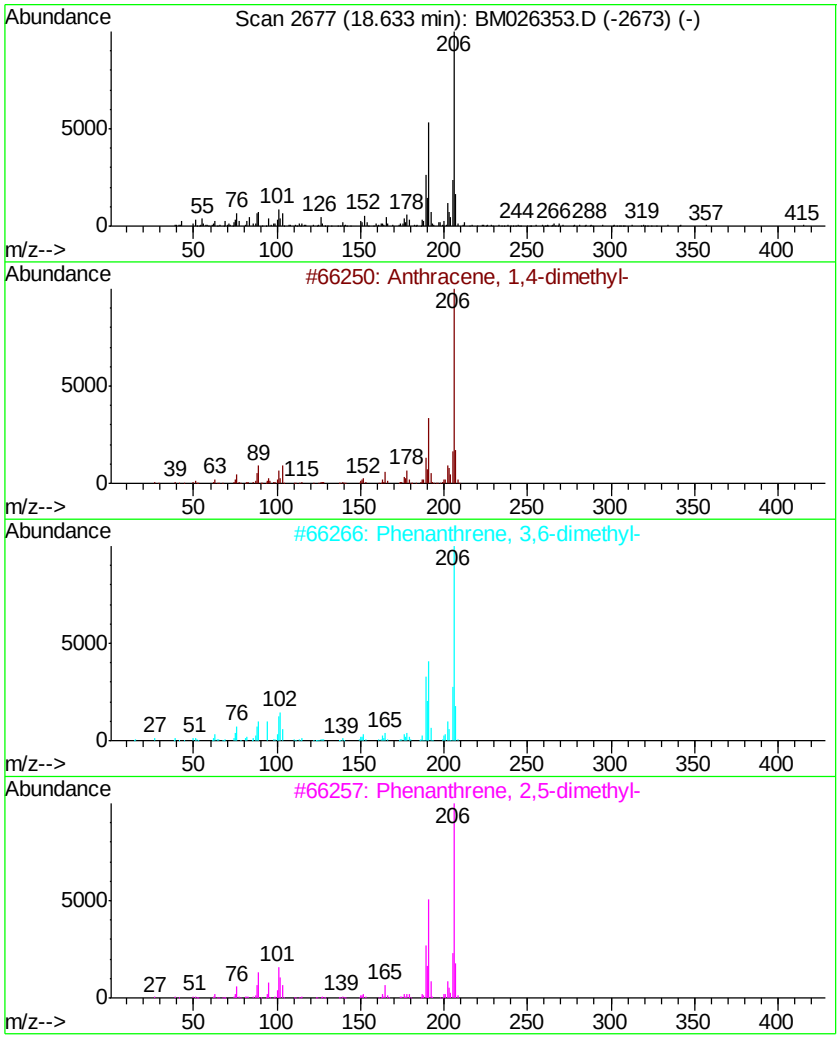
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

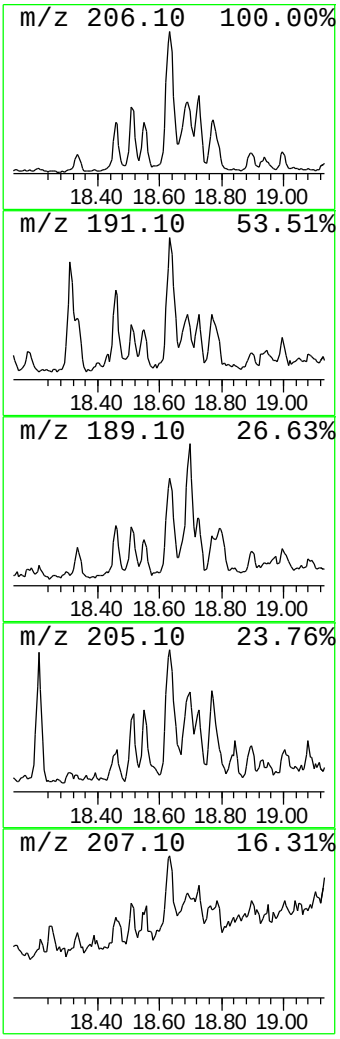
****

Peak Number 10 Anthracene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.94 ng	253235	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

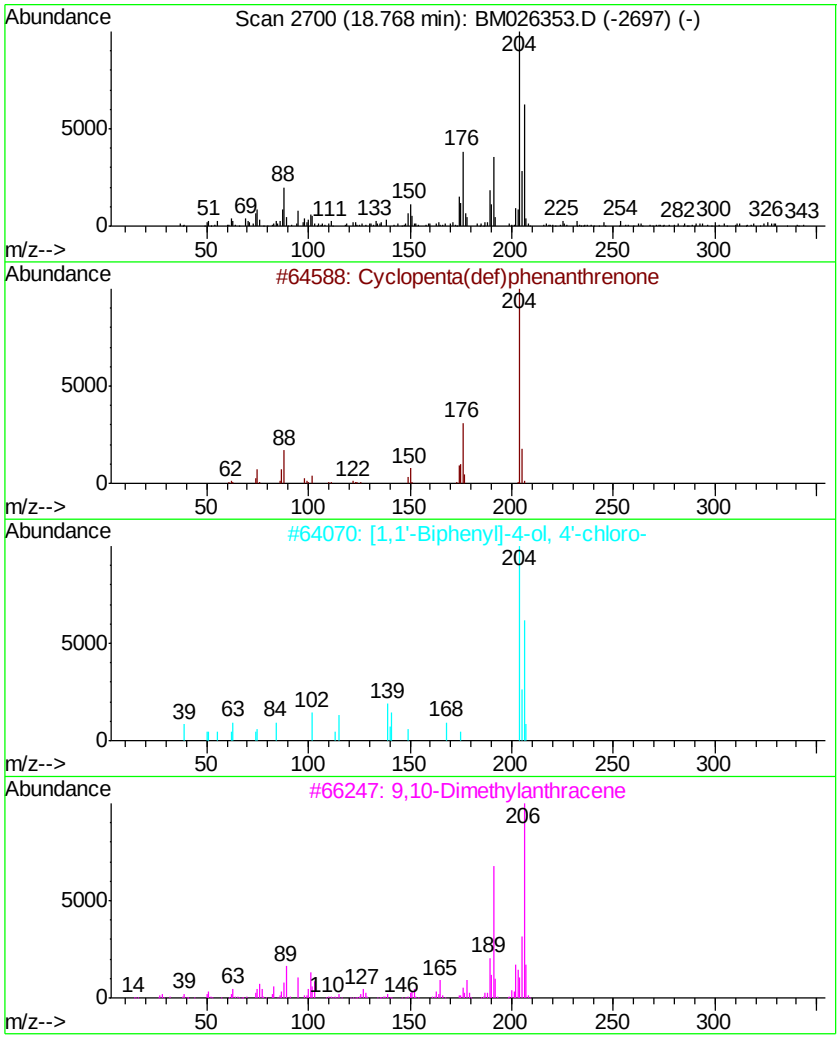
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

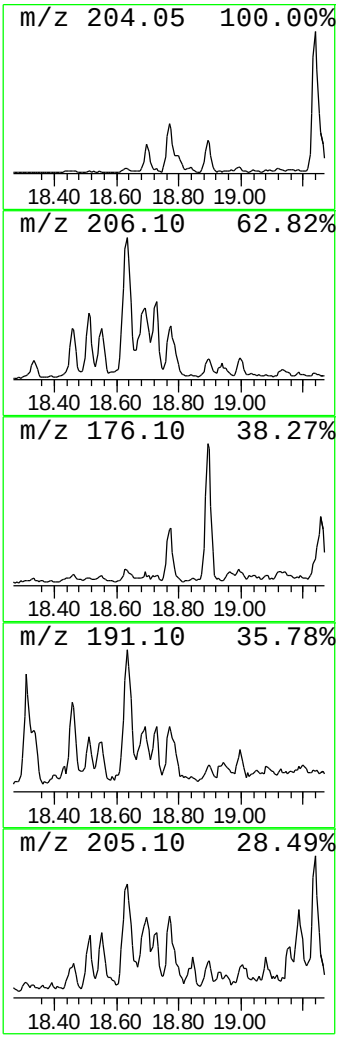
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.05 ng	177069	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30





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Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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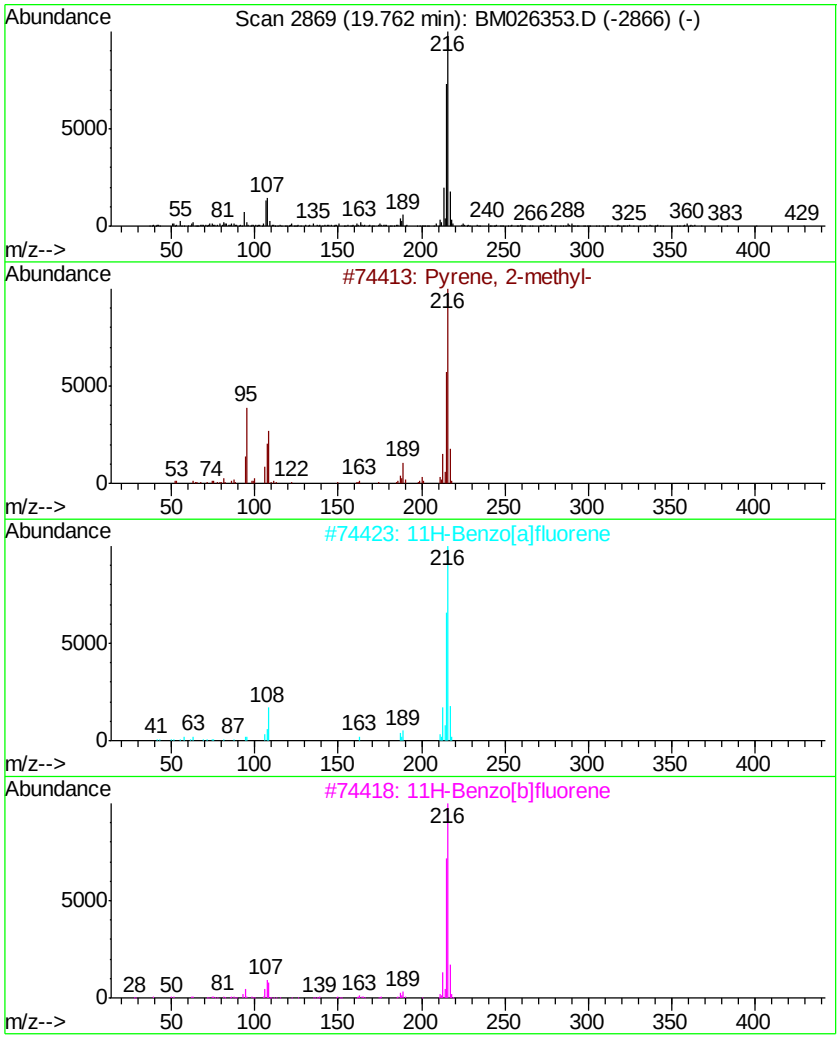
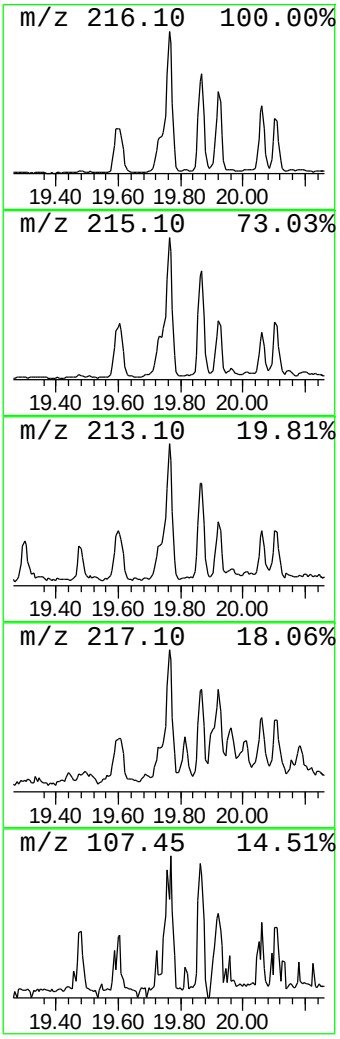
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.44 ng	469700	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





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Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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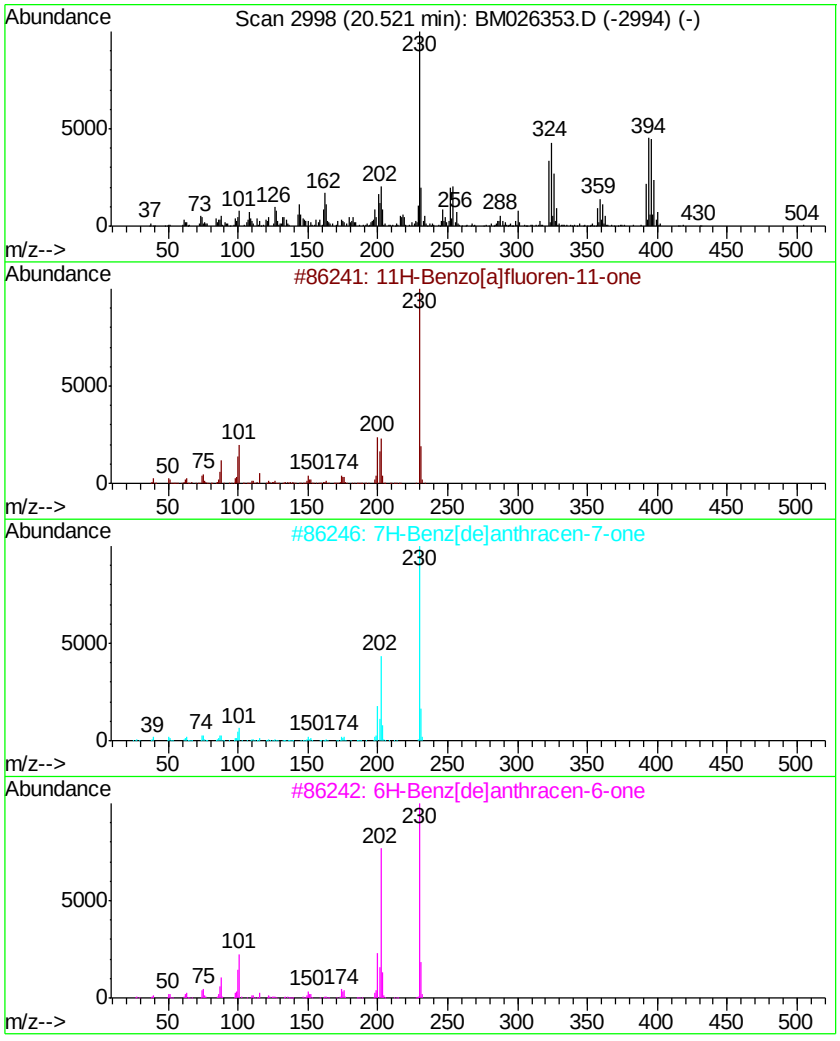
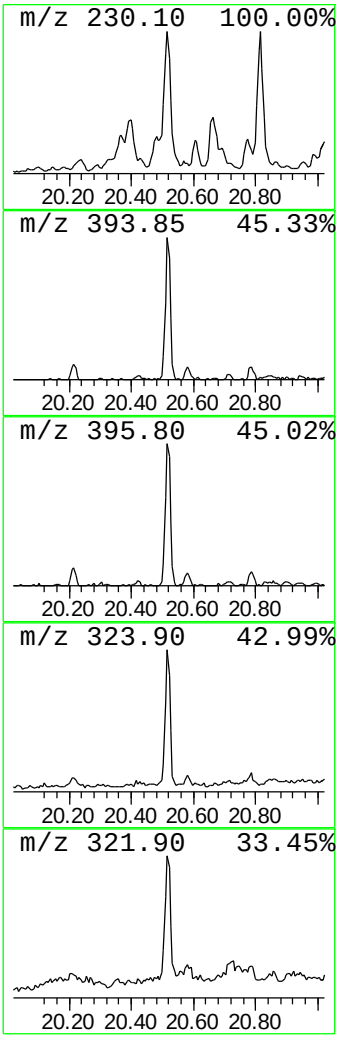
Peak Number 13 unknown20.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.32 ng	446358	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	45
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	25
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	11
4	Pyridin-4-amine, 2,6-bis(trifluo...	230	C7H4F6N2	078448-45-0	10
5	1,4-Dithiaspiro[4.7]dodecane, 6,...	230	C10H14O2S2	1000187-10-5	10





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Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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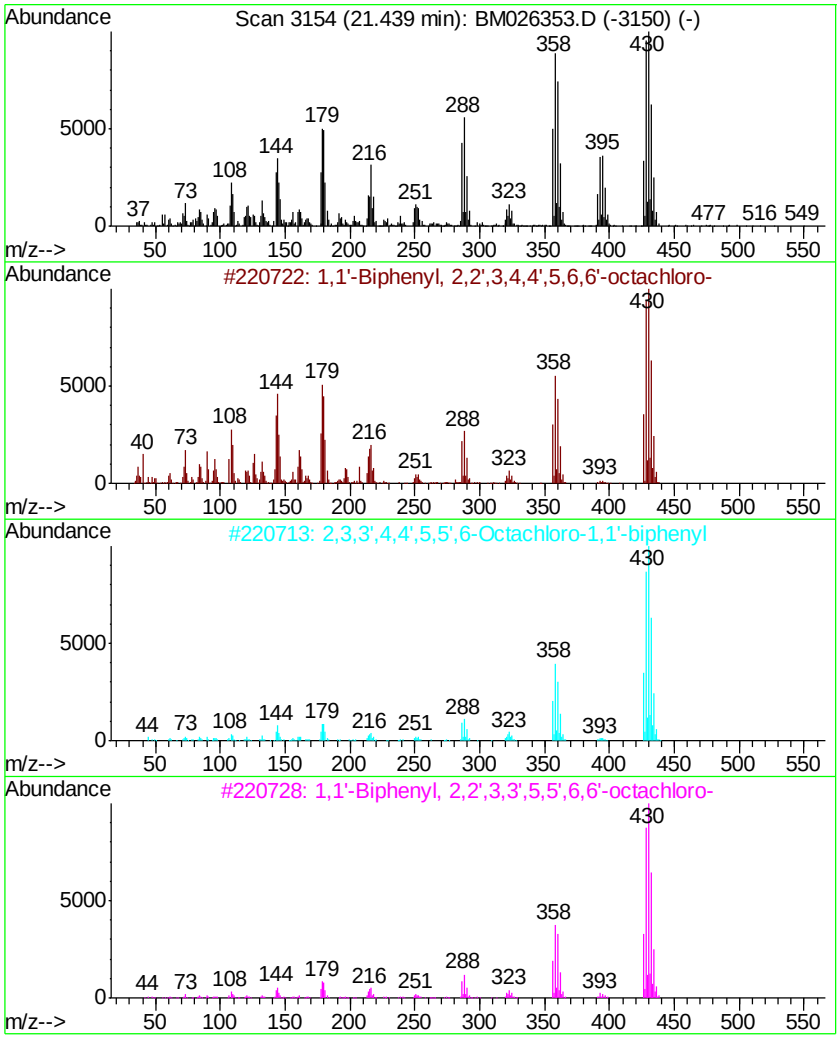
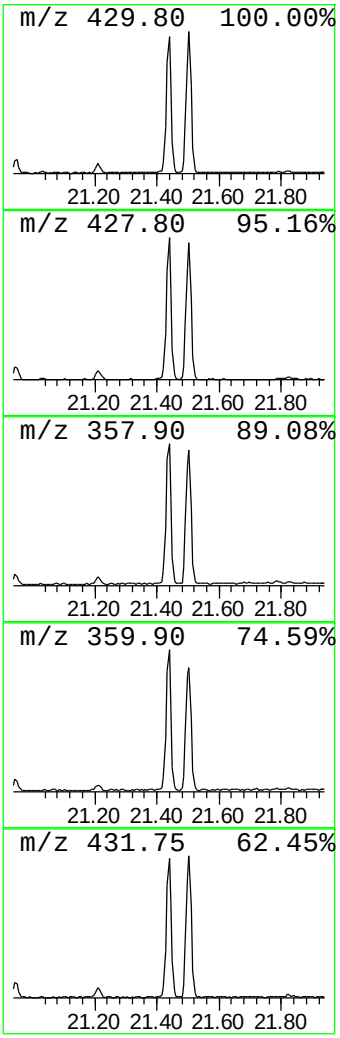
Peak Number 14 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	6.44 ng	1239930	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6,6'...	426	C12H2Cl8	074472-52-9	99
2	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99





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Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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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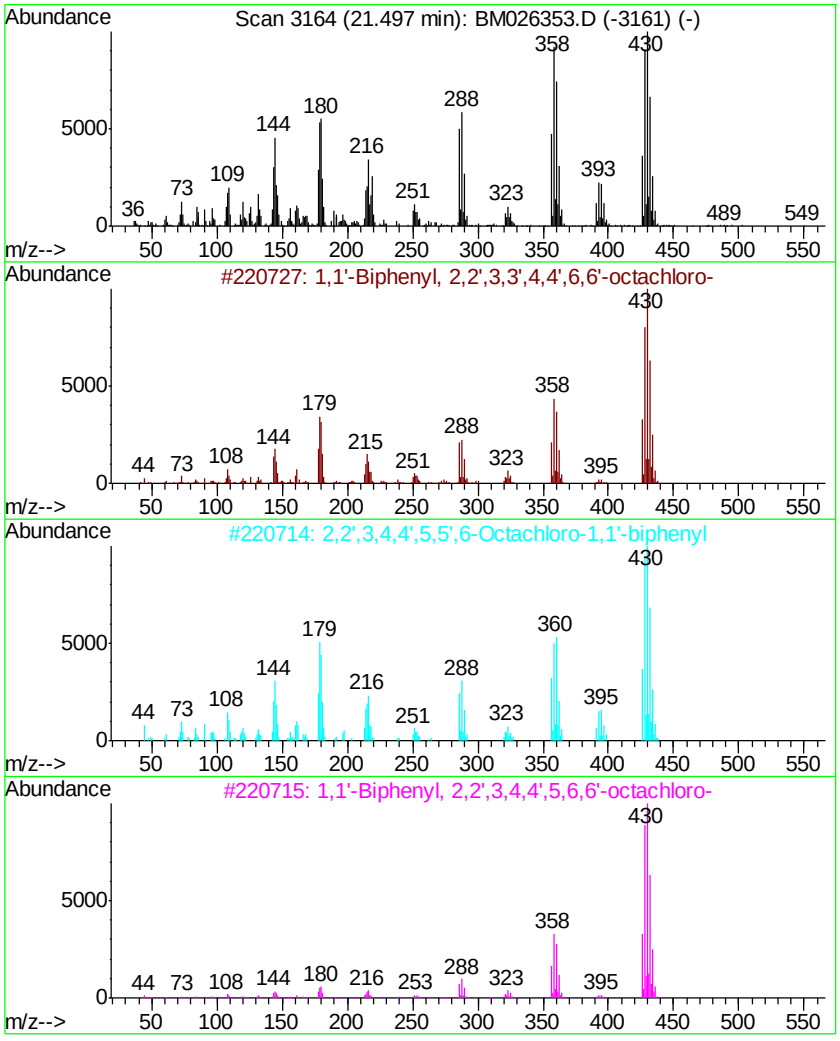
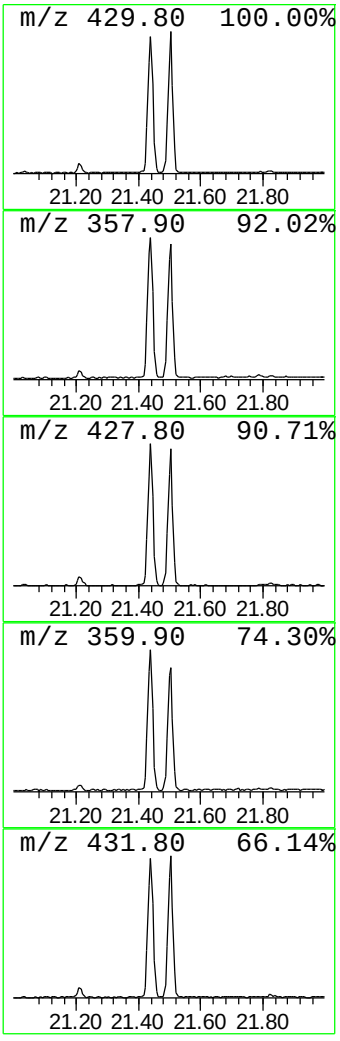
Peak Number 15 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	5.99 ng	1154420	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
2	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CUTTINGS

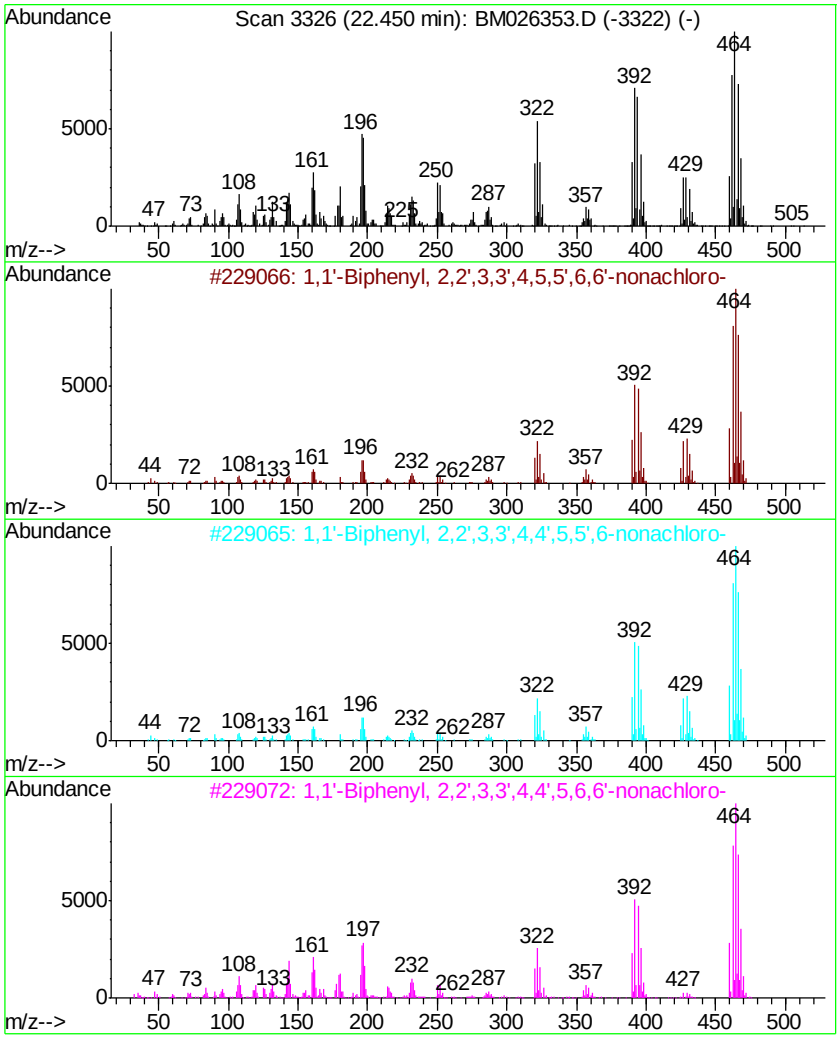
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

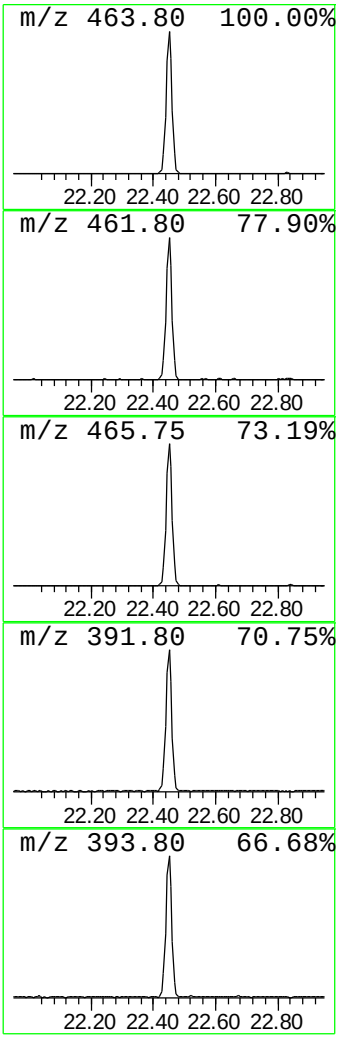
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	21.20 ng	2120790	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	99
4	Spiro[benzofuran-2(3H),1'-[2,5]c...	462	C14H9Br3O3	052498-93-8	35
5	4H-Pyran, 4-(2,6-diphenyl-4H-pyr...	464	C34H24O2	042506-57-0	9





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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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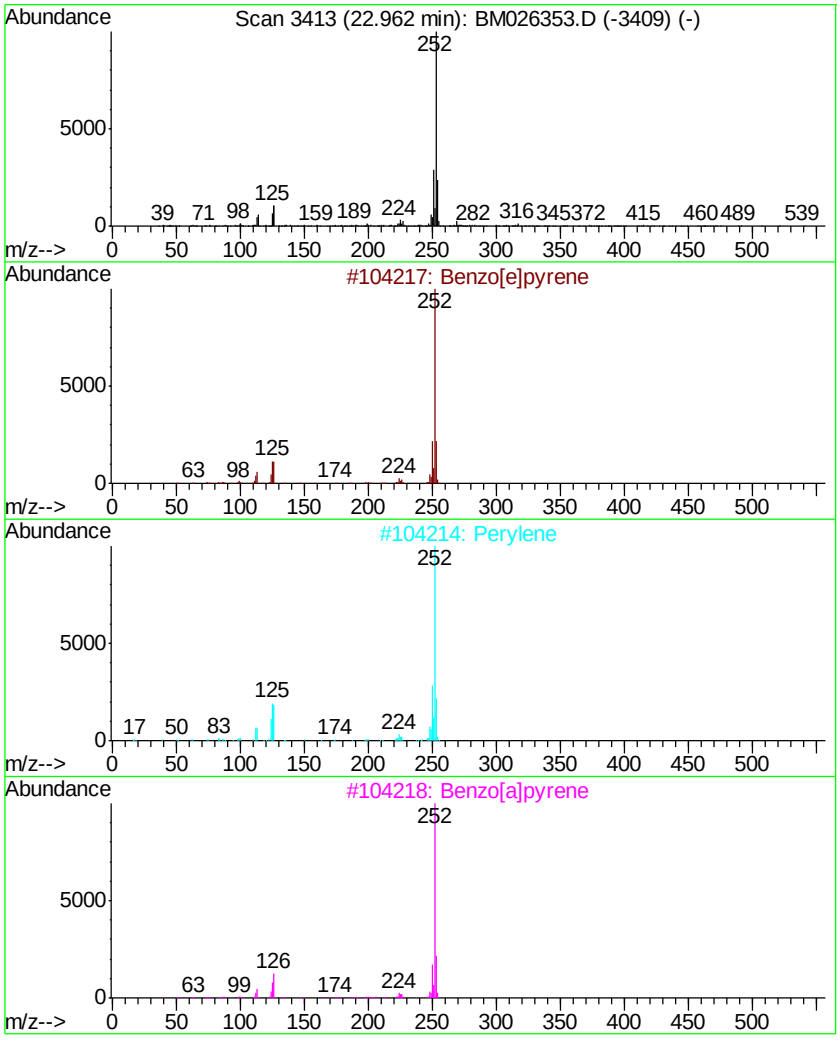
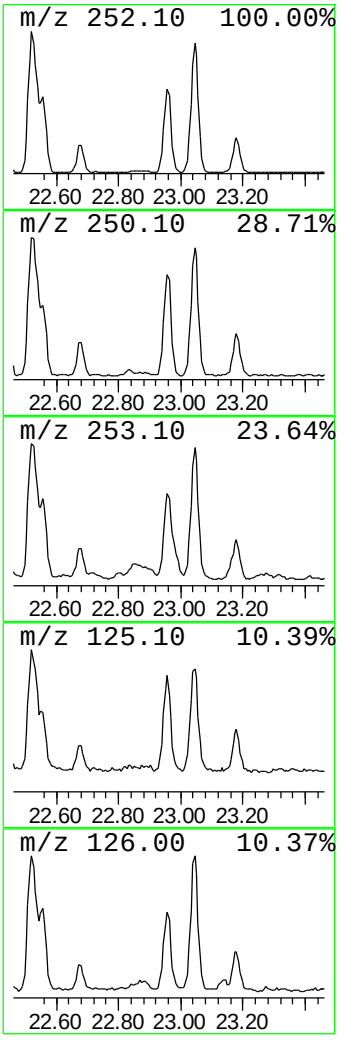
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	9.69 ng	969228	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061120\
Data File : BM026353.D
Acq On : 11 Jun 2020 13:18
Operator : JU/CG
Sample : L2946-05 2X
Misc :
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Instrument : BNA_M
ClientSampleId : CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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
Anthracene, 2-met...	17.70	3.3	ng	281391	4	16.83	1724580	20.0
Phenanthrene, 1-m...	17.75	6.7	ng	574268	4	16.83	1724580	20.0
4H-Cyclopenta[def...	17.89	6.9	ng	597816	4	16.83	1724580	20.0
Phenanthrene, 4-m...	17.93	3.9	ng	339794	4	16.83	1724580	20.0
unknown18.12	18.12	3.8	ng	325292	4	16.83	1724580	20.0
18-Norabietane	18.31	5.1	ng	442575	4	16.83	1724580	20.0
Anthracene, 1,4-d...	18.63	2.9	ng	253235	4	16.83	1724580	20.0
Cyclopenta(def)ph...	18.77	2.0	ng	177069	4	16.83	1724580	20.0
Pyrene, 2-methyl-	19.76	2.4	ng	469700	5	21.03	3852620	20.0
unknown20.52	20.52	2.3	ng	446358	5	21.03	3852620	20.0
1,1'-Biphenyl, 2,...	21.44	6.4	ng	1239930	5	21.03	3852620	20.0
1,1'-Biphenyl, 2,...	21.50	6.0	ng	1154420	5	21.03	3852620	20.0
1,1'-Biphenyl, 2,...	22.45	21.2	ng	2120790	6	23.14	2001050	20.0
Benzo[e]pyrene	22.96	9.7	ng	969228	6	23.14	2001050	20.0