LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

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-BM082120.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	4.775	299	304	316	rVB2	38288	58919	1.19%	0.103%
2	5.234	375	382	391	rBV	1912288	2723282	54.99%	4.758%
3	6.798	639	648	661	rBV	1815939	2872306	57.99%	5.019%
4	7.228	716	721	725	rBV	40371	67850	1.37%	0.119%
5	7.610	779	786	792	rBV	703352	1098599	22.18%	1.920%
6	8.751	972	980	990	rBV	1285299	2041265	41.22%	3.567%
7	10.380	1248	1257	1262	rBV	723446	1192004	24.07%	2.083%
8	10.427	1262	1265	1271	rVB2	94651	143810	2.90%	0.251%
9	12.045	1529	1540	1549	rBV2	63504	136073	2.75%	0.238%
10	12.269	1571	1578	1584	rVB	43986	75385	1.52%	0.132%
11	12.863	1672	1679	1689	rBV	2557230	3715091	75.01%	6.491%
12	13.092	1710	1718	1724	rVV3	25007	57676	1.16%	0.101%
13	13.416	1763	1773	1780	rBV6	19408	55828	1.13%	0.098%
14	13.568	1794	1799	1804	rBV2	44225	75114	1.52%	0.131%
15	13.710	1815	1823	1830	rBV	393262	562829	11.36%	0.983%
16	13.968	1861	1867	1872	rVB3	57679	90404	1.83%	0.158%
17	14.245	1907	1914	1920	rBV	1047301	1558583	31.47%	2.723%
18	14.310	1920	1925	1933	rVB	193351	281566	5.69%	0.492%
19	14.463	1943	1951	1960	rBV10	24382	90512	1.83%	0.158%
20	14.651	1977	1983	1988	rBV	103571	164061	3.31%	0.287%
21	15.298	2086	2093	2098	rBV2	143320	211268	4.27%	0.369%
22	15.474	2118	2123	2128	rBV2	263141	382993	7.73%	0.669%
23	15.598	2139	2144	2154	rVB	80633	143961	2.91%	0.252%
24	15.739	2162	2168	2176	rVB	2138518	2972045	60.01%	5.193%
25	15.833	2178	2184	2191	rBV	508007	735247	14.85%	1.285%
26	16.262	2253	2257	2262	rBV4	32112	76674	1.55%	0.134%
27	16.415	2278	2283	2288	rBV9	23466	50941	1.03%	0.089%
28	16.574	2307	2310	2314	rVB2	43572	56843	1.15%	0.099%
29	16.651	2318	2323	2331	rVB	113844	189946	3.84%	0.332%
30	16.751	2332	2340	2343	rBV3	70354	163260	3.30%	0.285%
31	16.809	2347	2350	2361	rVB	107710	184716	3.73%	0.323%
32	16.992	2375	2381	2385	rBV	1271277	1857998	37.51%	3.247%
33	17.033	2385	2388	2394	rVB	1987497	2678617	54.08%	4.680%
34	17.127	2400	2404	2410	rVB	256131	366323	7.40%	0.640%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

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-BM082120.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.186	2410	2414	2420	rBV3	48538	75531	1.53%	0.132%
36	17.392	2442	2449	2454	rBV2	117827	219217	4.43%	0.383%
37	17.521	2467	2471	2475	rBV4	56561	73342	1.48%	0.128%
38	17.574	2477	2480	2484	rVB2	45992	59162	1.19%	0.103%
39	17.792	2513	2517	2522	rBV4	48917	81671	1.65%	0.143%
40	17.868	2524	2530	2534	rVV	248151	400179	8.08%	0.699%
41	17.915	2534	2538	2545	rVV	837420	1134818	22.91%	1.983%
42	17.980	2545	2549	2557	rVV2	126692	299552	6.05%	0.523%
43	18.062	2557	2563	2567	rVV2	294415	542954	10.96%	0.949%
44	18.098	2567	2569	2574	rVB	160260	203939	4.12%	0.356%
45	18.215	2586	2589	2593	rVB3	63602	80779	1.63%	0.141%
46	18.374	2612	2616	2619	rBV	187527	243957	4.93%	0.426%
47	18.409	2619	2622	2629	rVB2	185219	255082	5.15%	0.446%
48	18.627	2656	2659	2663	rVB2	66291	78765	1.59%	0.138%
49	18.680	2664	2668	2672	rBV2	215363	277736	5.61%	0.485%
50	18.798	2681	2688	2692	rBV2	155485	293102	5.92%	0.512%
51	18.933	2707	2711	2719	rVB2	141758	217714	4.40%	0.380%
52	19.056	2727	2732	2738	rBV	2432230	3332338	67.28%	5.823%
53	19.203	2753	2757	2762	rBV2	214997	281238	5.68%	0.491%
54	19.421	2790	2794	2802	rVB	2141913	2891824	58.39%	5.053%
55	19.497	2804	2807	2813	rVB2	85584	121468	2.45%	0.212%
56	19.603	2822	2825	2826	rBV	128488	128077	2.59%	0.224%
57	19.633	2826	2830	2842	rVB	3791130	4952697	100.00%	8.654%
58	19.756	2846	2851	2857	rBV3	130829	332891	6.72%	0.582%
59	19.921	2877	2879	2884	rVB	246561	295952	5.98%	0.517%
60	20.080	2903	2906	2911	rVB2	205179	271441	5.48%	0.474%
61	20.221	2927	2930	2934	rBV	123679	156396	3.16%	0.273%
62	20.268	2934	2938	2943	rBV2	171823	297275	6.00%	0.519%
63	20.550	2983	2986	2990	rVB2	343448	381571	7.70%	0.667%
64	20.668	3003	3006	3013	rVB	244170	322646	6.51%	0.564%
65	20.927	3046	3050	3054	rBV2	552191	702786	14.19%	1.228%
66	21.133	3082	3085	3088	rBV2	359904	401231	8.10%	0.701%
67	21.192	3089	3095	3098	rVV2	1912328	3509593	70.86%	6.132%
68	21.227	3098	3101	3108	rVB	1047601	1331111	26.88%	2.326%
69	22.733	3352	3357	3373	rVB	850099	2793159	56.40%	4.881%
70	23.285	3447	3451	3459	rVB	714490	1239787	25.03%	2.166%
71	23.380	3462	3467	3472	rVV	1111545	1817693	36.70%	3.176%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

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-BM082120.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

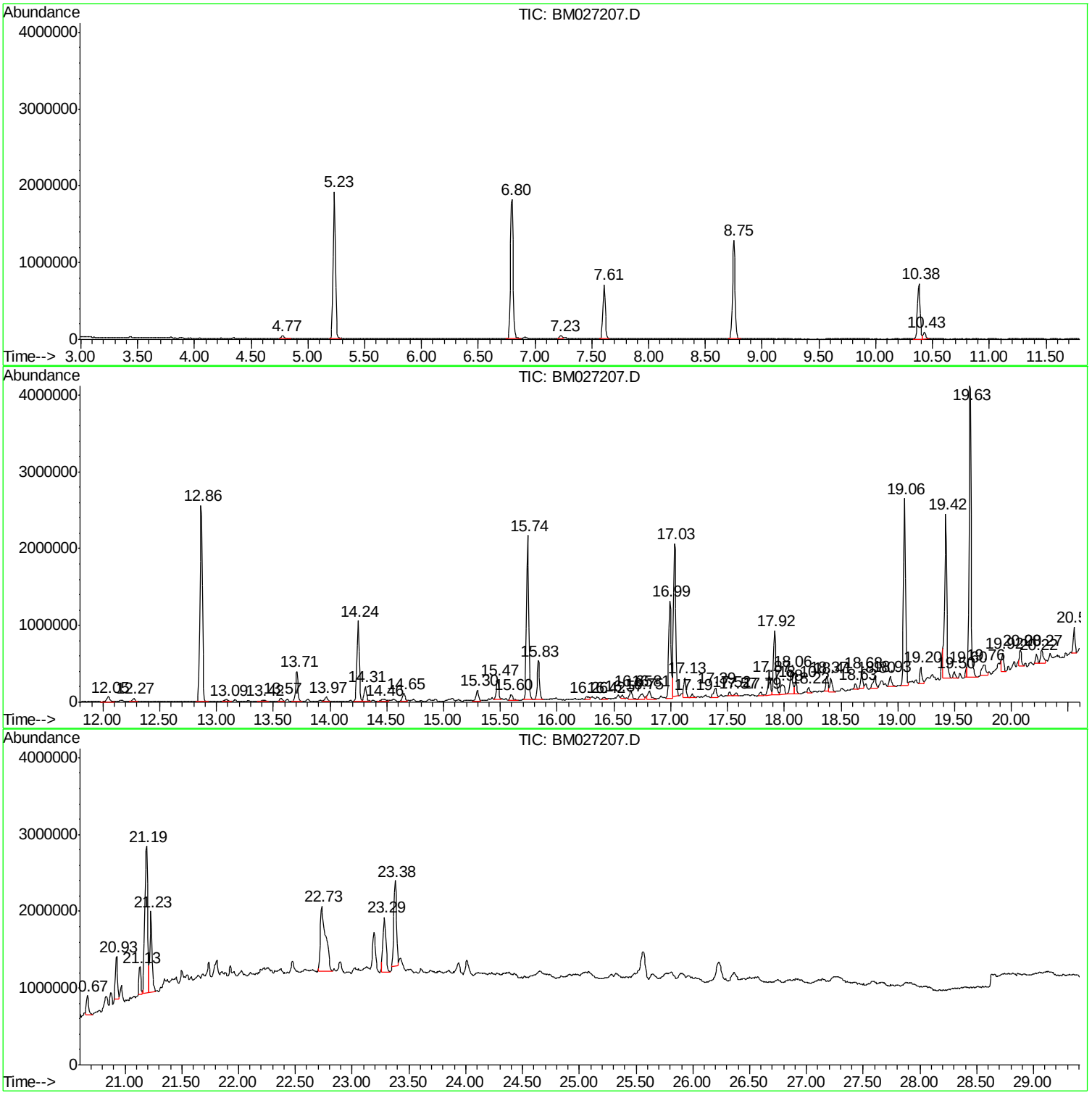
Sum of corrected areas: 57230663

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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 M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

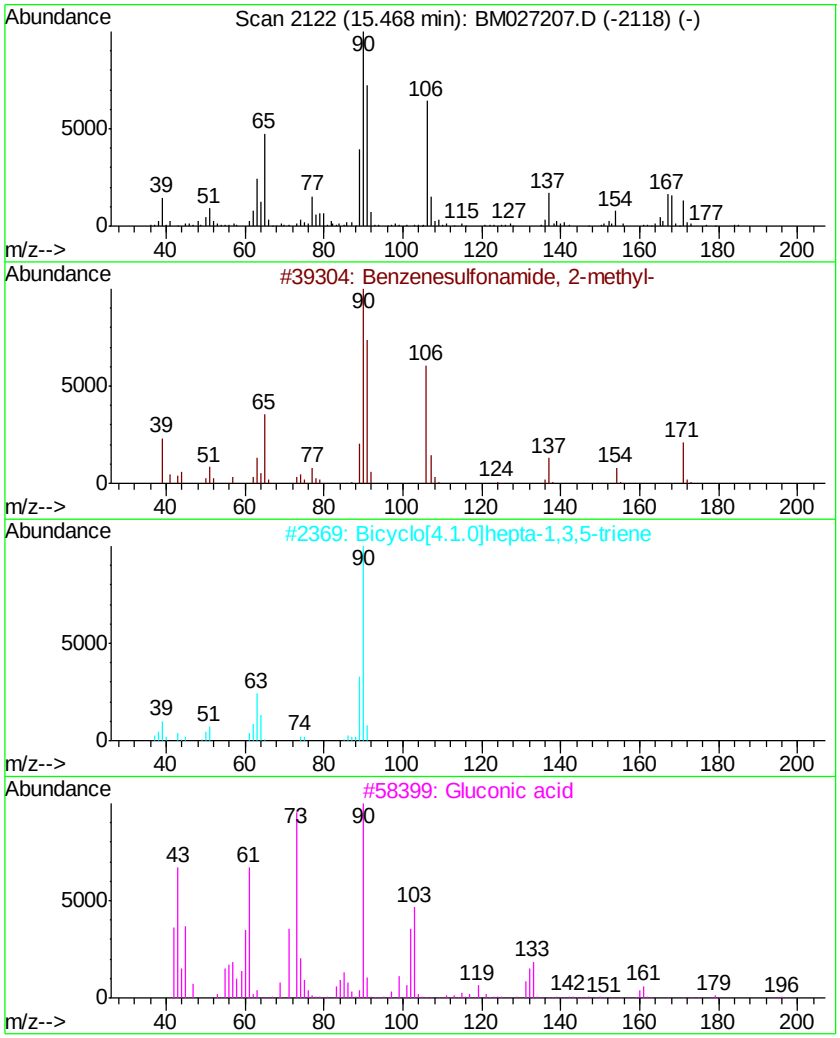
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

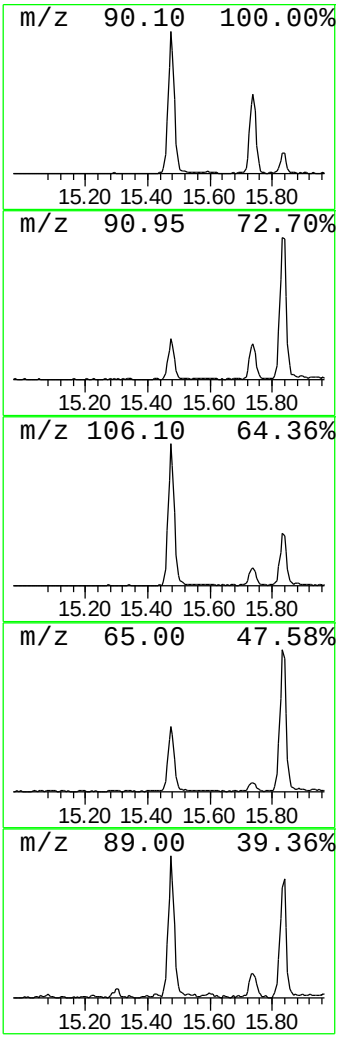
****

Peak Number 4 Benzenesulfonamide, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	4.91 ng	382993	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	95
2	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	46
3	Gluconic acid	196	C6H12O7	000526-95-4	38
4	Germacyclobutane, 1,1-dibutyl-	230	C11H24Ge	001197-89-3	32
5	2,4-Octadiyne	106	C8H10	002809-71-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

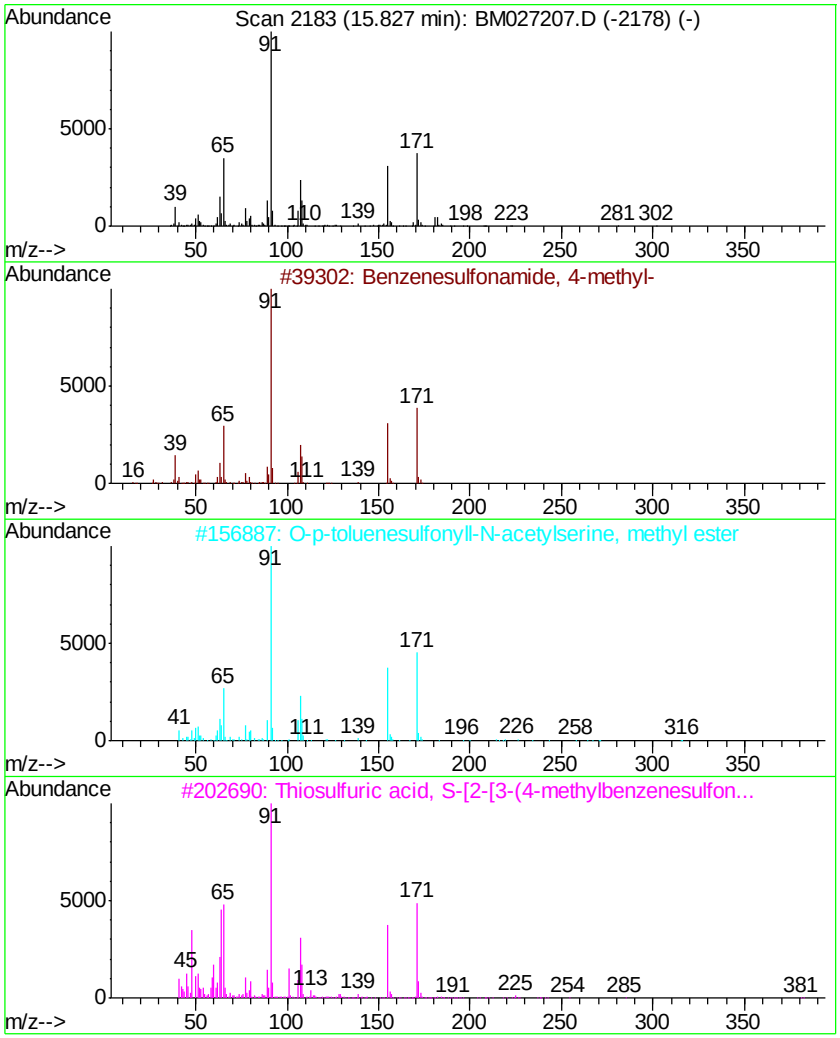
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

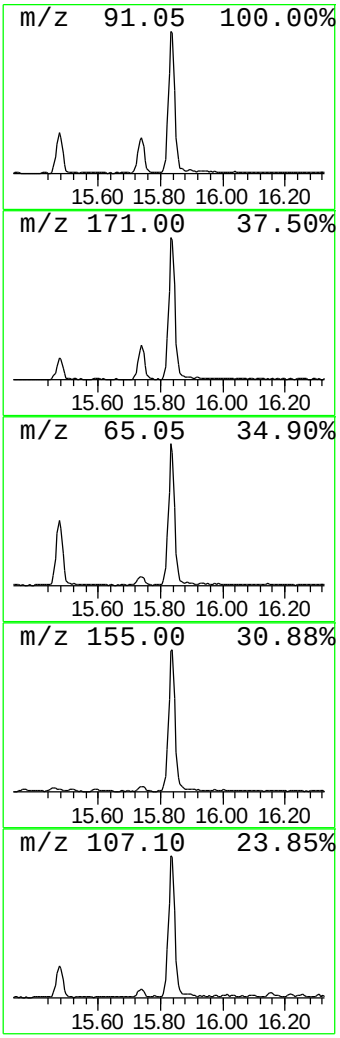
****

Peak Number 5 Benzenesulfonamide, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	7.91 ng	735247	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
2	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	91
3	Thiosulfuric acid, S-[2-[3-(4-me...	381	C12H19N3O5S3	1000255-60-3	87
4	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	68
5	Benzenesulfonic acid, 4-methyl-	172	C7H8O3S	000104-15-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

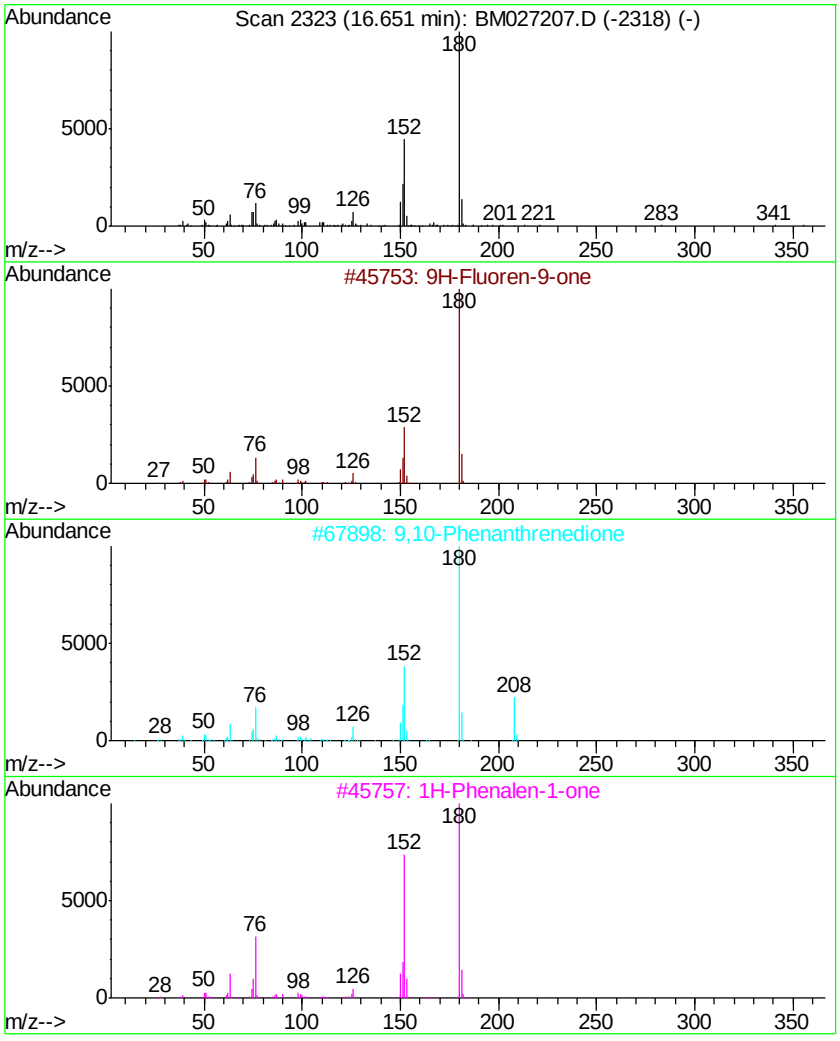
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

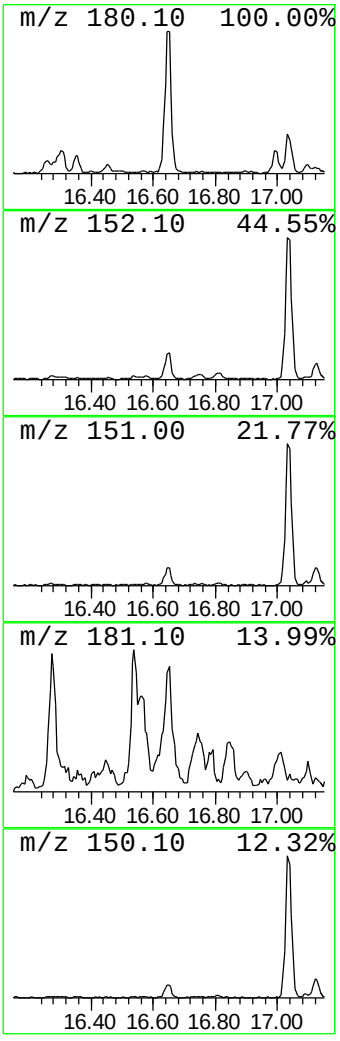
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.04 ng	189946	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4	Diphenic anhydride	224	C14H8O3	006050-13-1	52
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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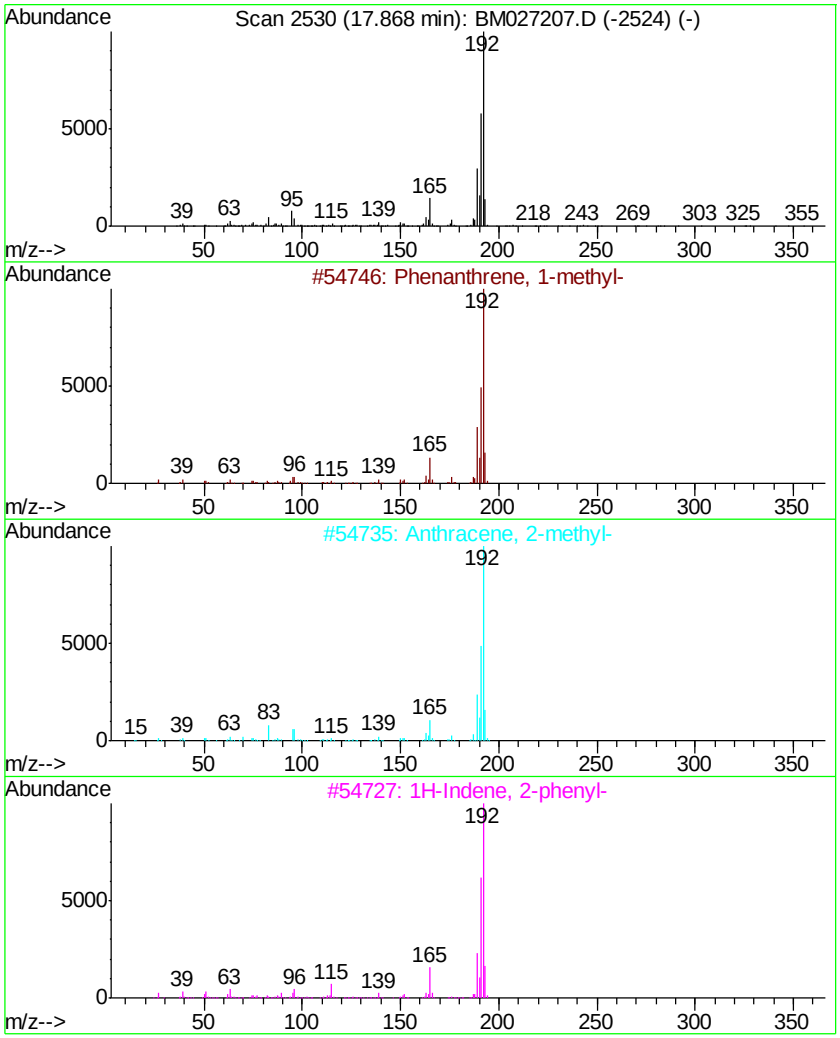
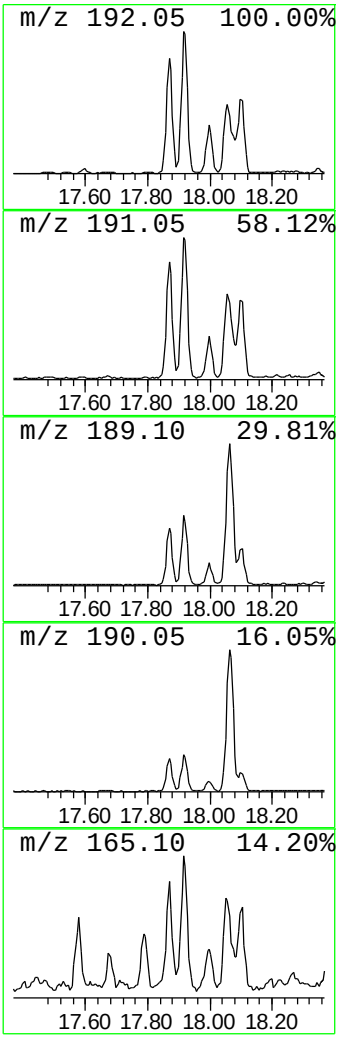
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.31 ng	400179	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

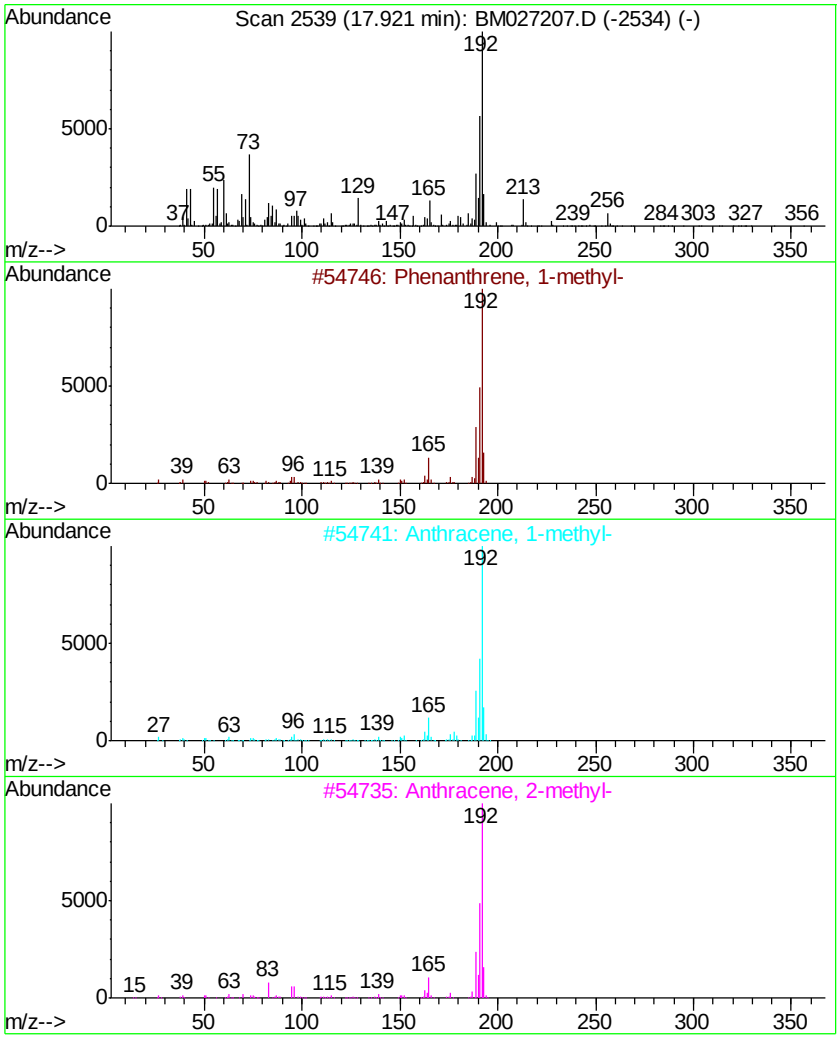
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

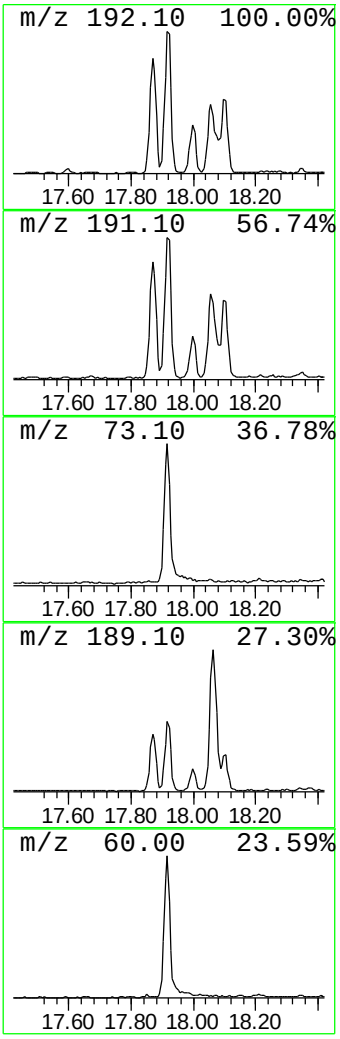
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	12.22 ng	1134820	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

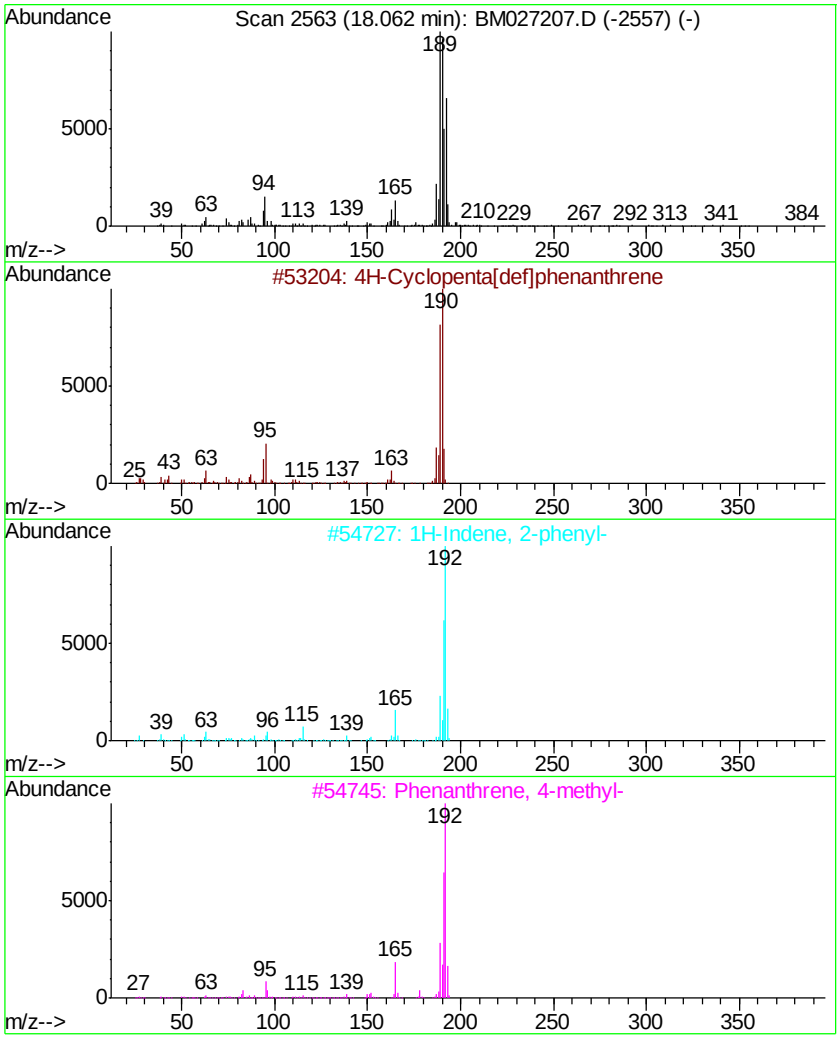
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

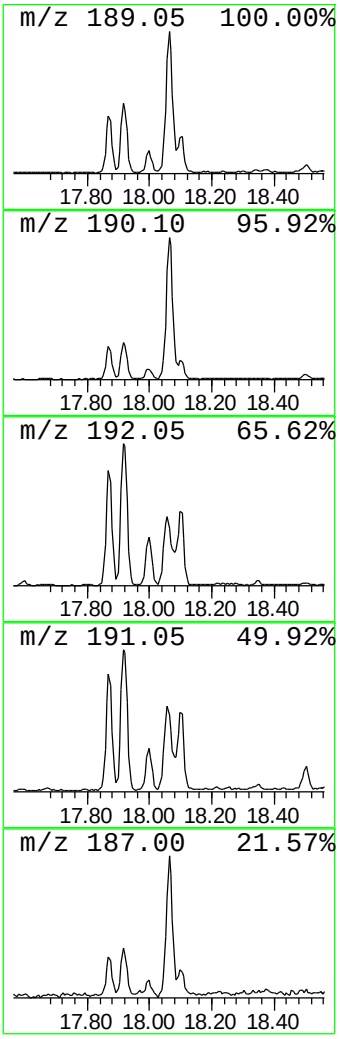
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.84 ng	542954	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

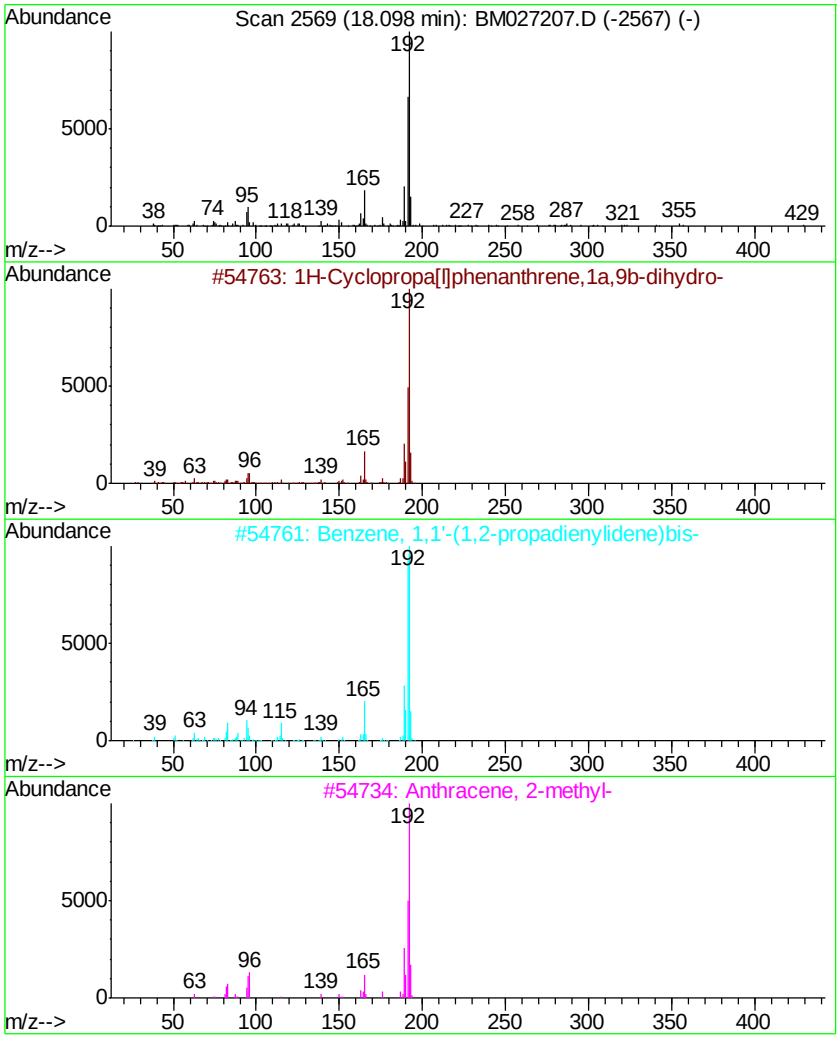
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

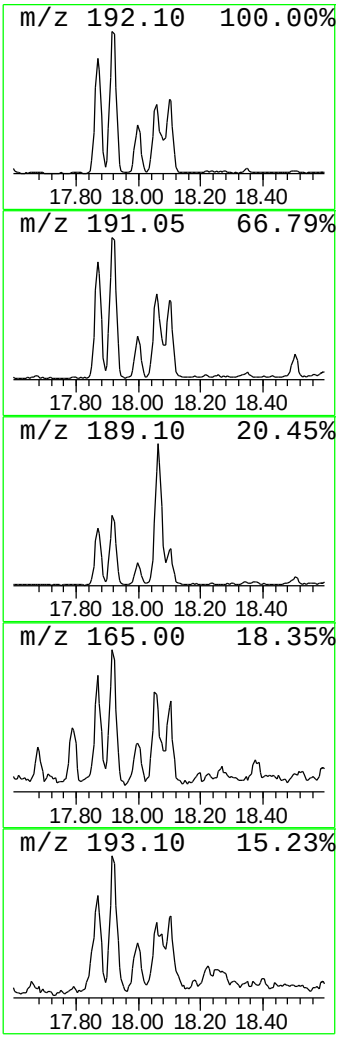
****

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.20 ng	203939	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	81
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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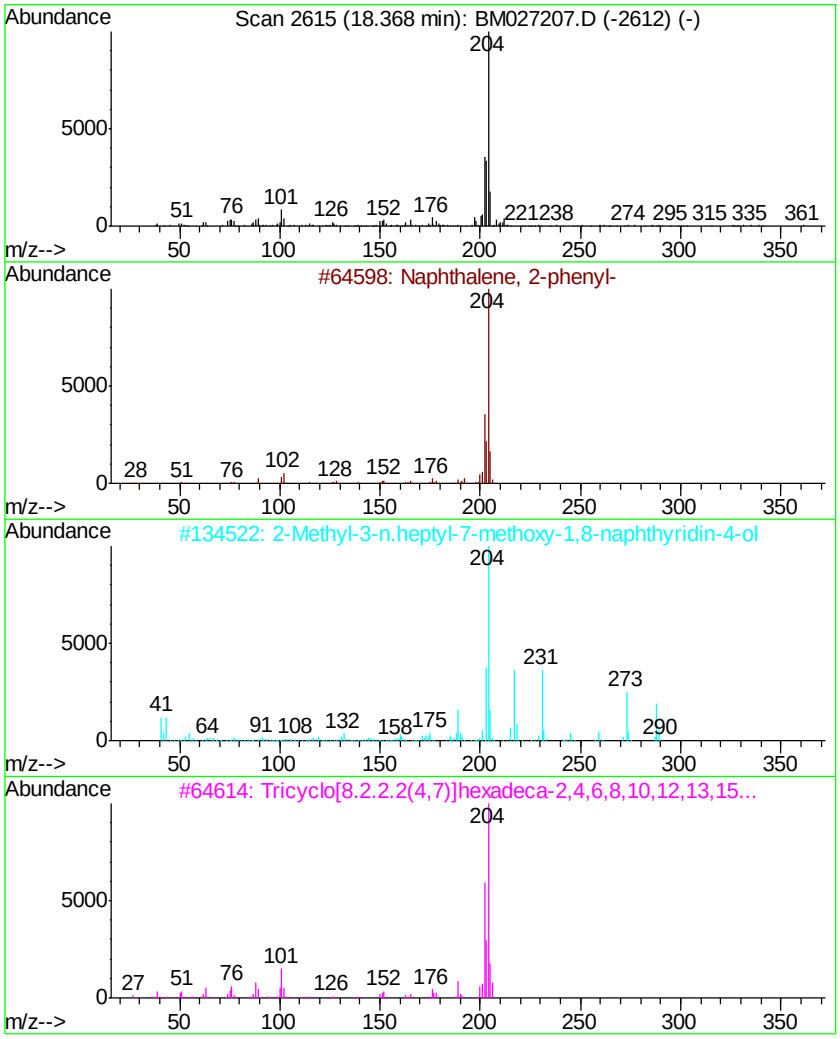
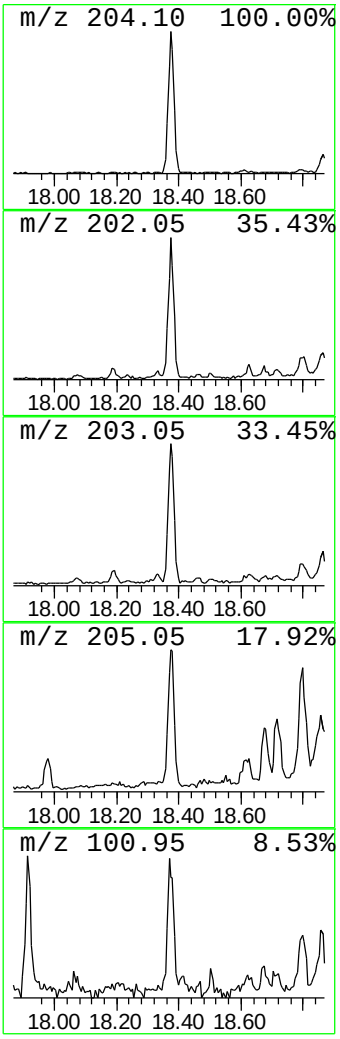
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.63 ng	243957	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	2-Methyl-3-n.heptyl-7-methoxy-1,...	288	C17H24N2O2	1000227-13-4	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	Levamisole	204	C11H12N2S	014769-73-4	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43





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Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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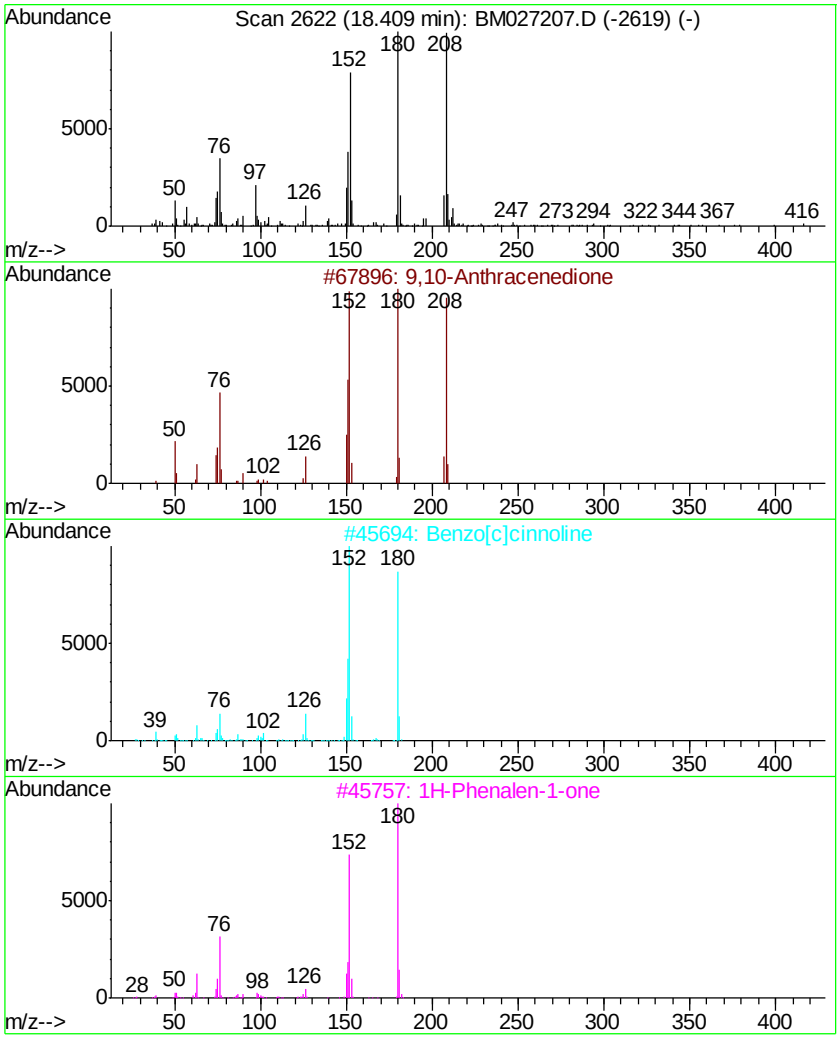
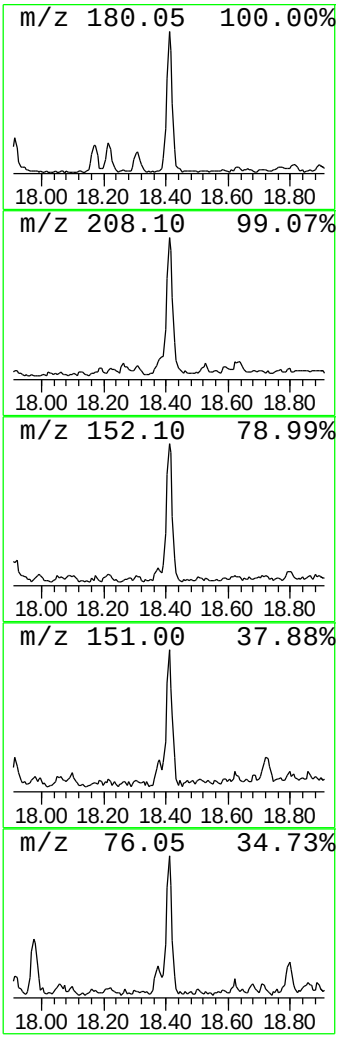
Peak Number 14 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.75 ng	255082	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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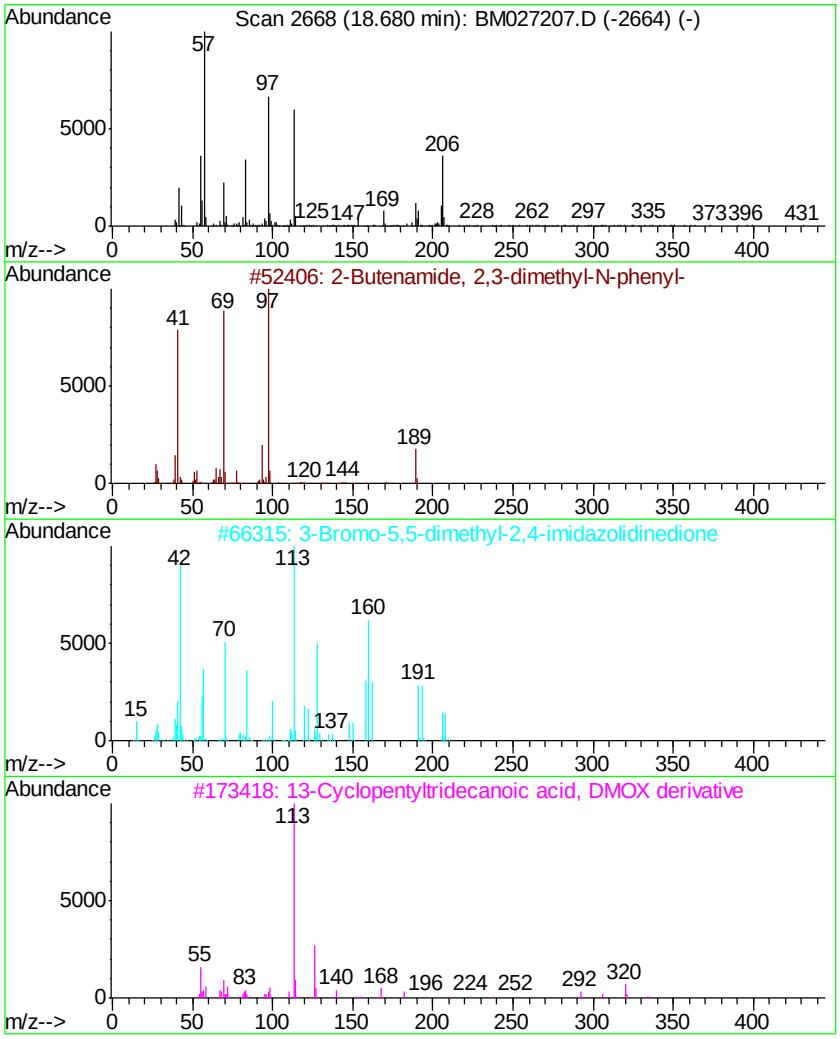
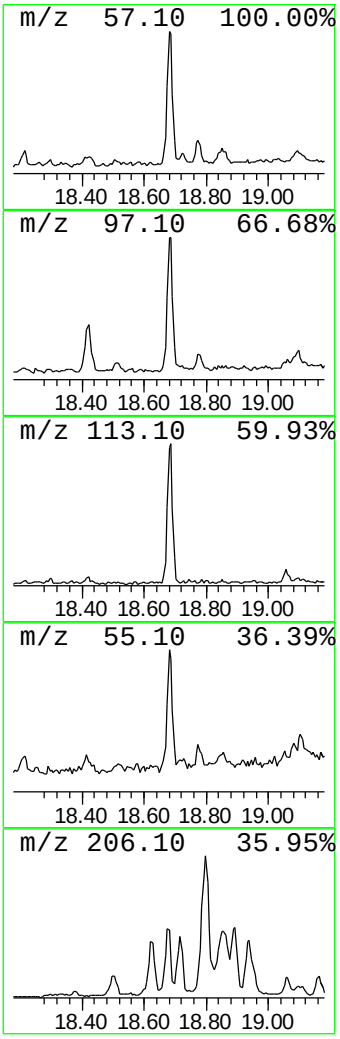
Peak Number 15 unknown18.68 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.99 ng	277736	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenamide, 2,3-dimethyl-N-phe...	189	C12H15NO	024735-54-4	14
2	3-Bromo-5,5-dimethyl-2,4-imidazo...	206	C5H7BrN2O2	058402-65-6	14
3	13-Cyclopentyltridecanoic acid, ...	335	C22H41NO	1000336-87-6	14
4	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	14
5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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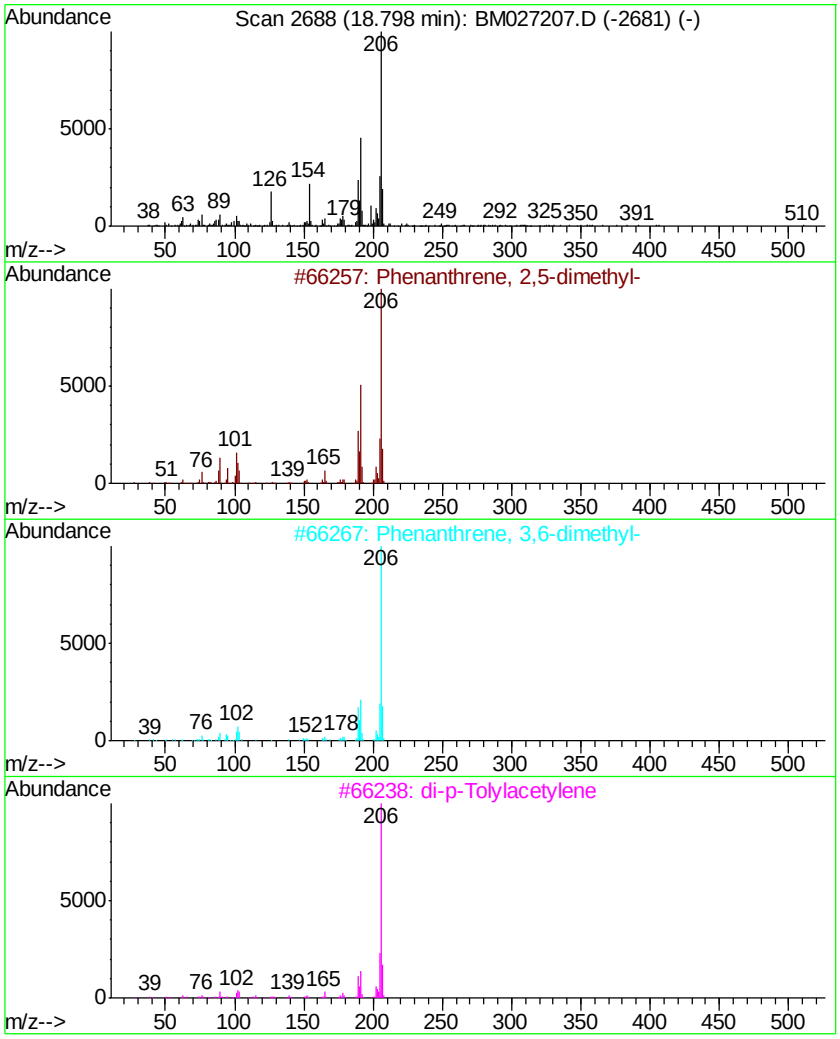
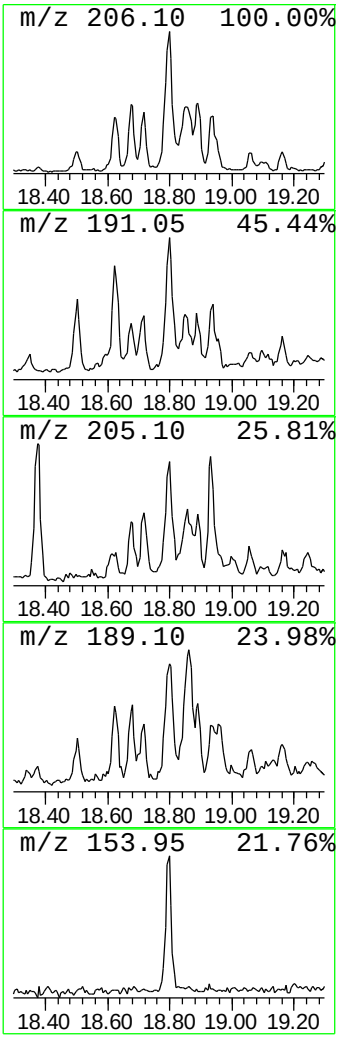
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.16 ng	293102	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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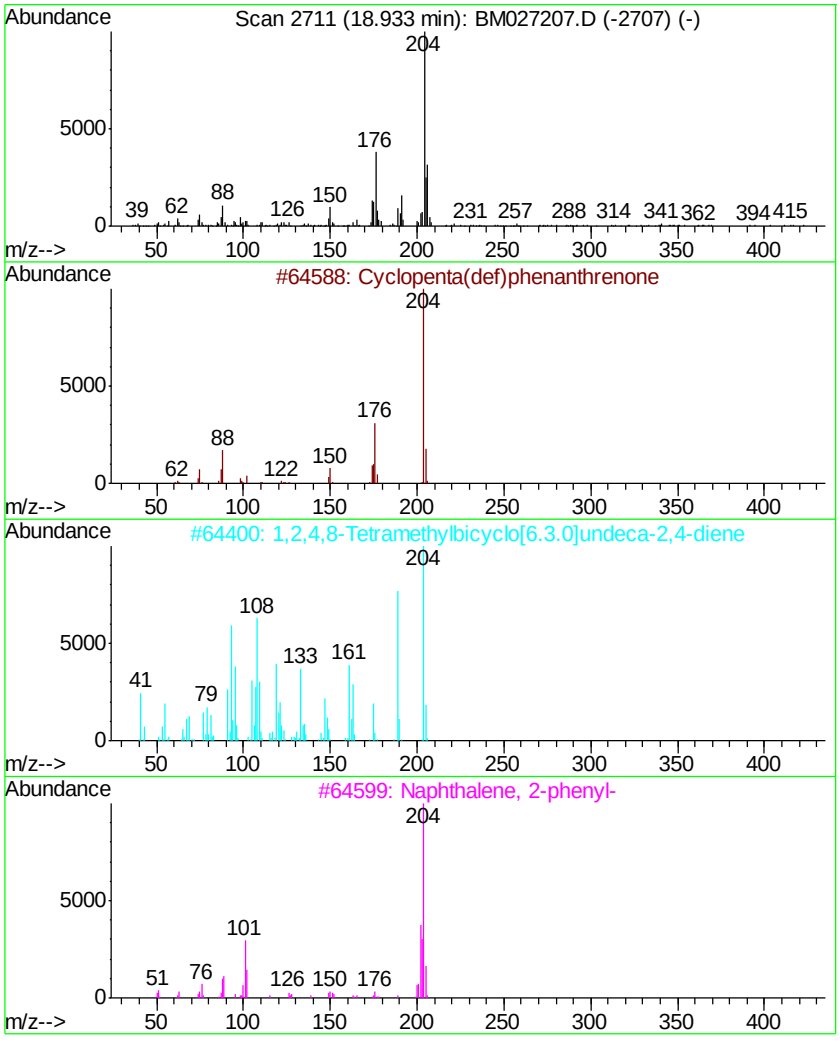
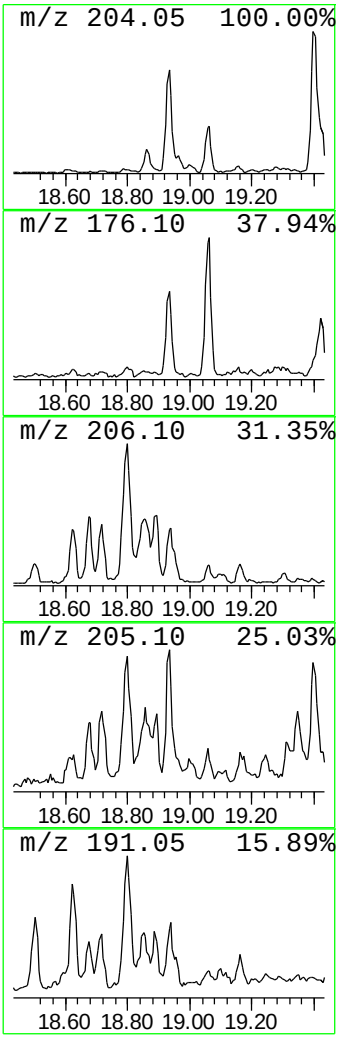
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.34 ng	217714	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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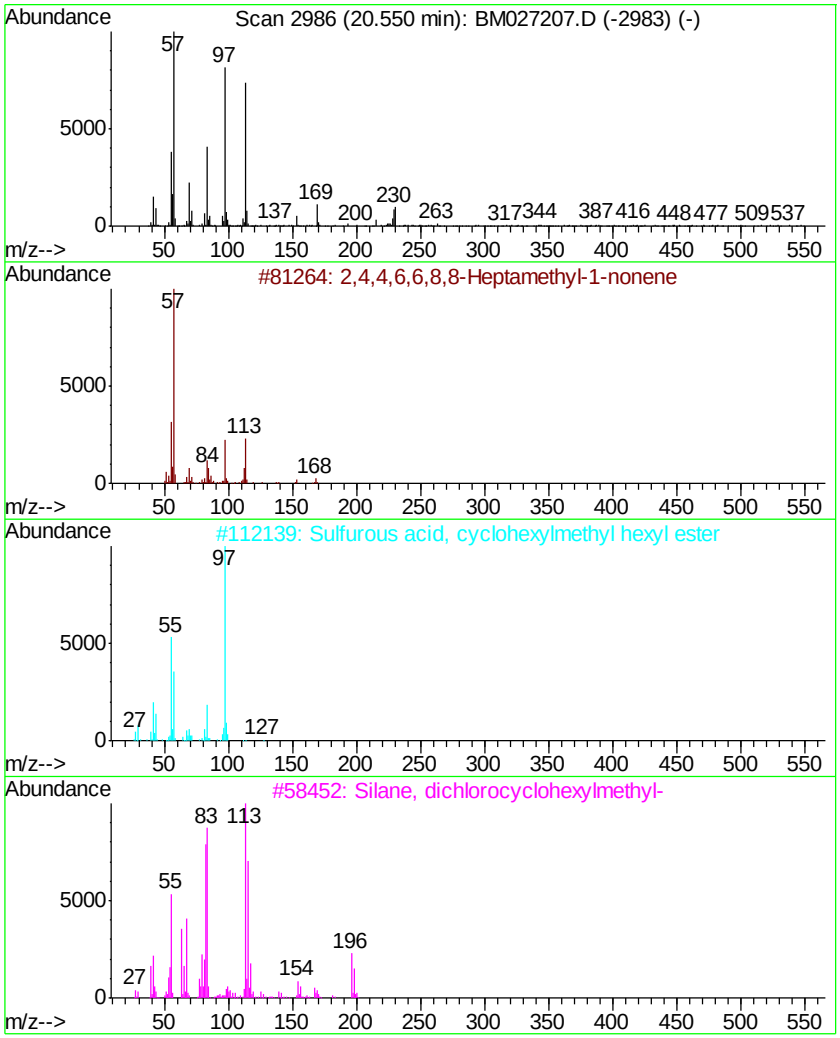
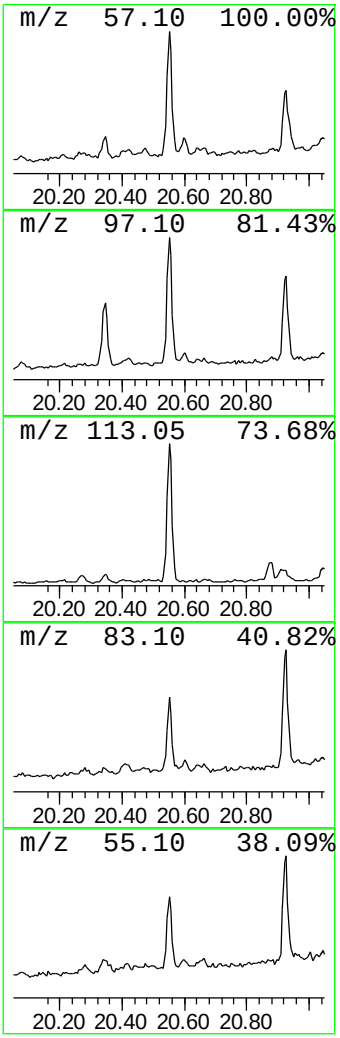
Peak Number 18 unknown20.55 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	2.17 ng	381571	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	35
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	32
3	Silane, dichlorocyclohexylmethyl-	196	C7H14Cl2Si	005578-42-7	25
4	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	22
5	Silane, butyldichloromethyl-	170	C5H12Cl2Si	018147-23-4	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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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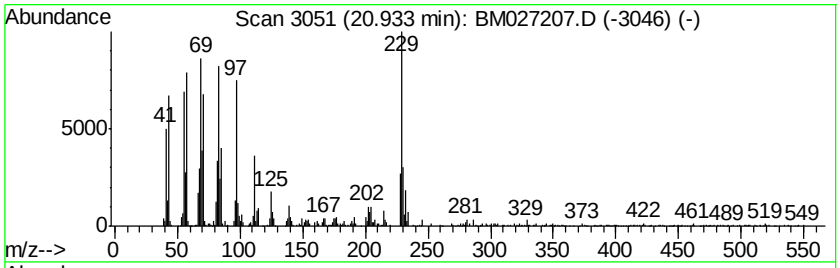
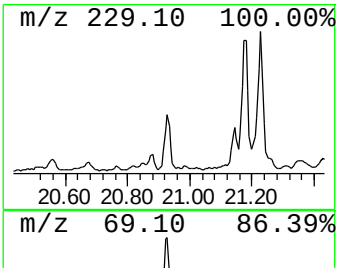
Peak Number 19 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.00 ng	702786	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	58
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	58
4	Behenic alcohol	326	C22H46O	000661-19-8	55
5	Cyclohexadecane	224	C16H32	000295-65-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082420\
Data File : BM027207.D
Acq On : 24 Aug 2020 23:04
Operator : JU/CG
Sample : L3720-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MP-081920-B9-0-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082120.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
Benzenesulfonamid...	15.47	4.9	ng	382993	3	14.24	1558580	20.0
Benzenesulfonamid...	15.83	7.9	ng	735247	4	16.99	1858000	20.0
9H-Fluoren-9-one	16.65	2.0	ng	189946	4	16.99	1858000	20.0
Phenanthrene, 1-m...	17.87	4.3	ng	400179	4	16.99	1858000	20.0
Anthracene, 1-met...	17.92	12.2	ng	1134820	4	16.99	1858000	20.0
4H-Cyclopenta[def...	18.06	5.8	ng	542954	4	16.99	1858000	20.0
1H-Cyclopropa[l]p...	18.10	2.2	ng	203939	4	16.99	1858000	20.0
Naphthalene, 2-ph...	18.37	2.6	ng	243957	4	16.99	1858000	20.0
9,10-Anthracenedione	18.41	2.8	ng	255082	4	16.99	1858000	20.0
unknown18.68	18.68	3.0	ng	277736	4	16.99	1858000	20.0
Phenanthrene, 2,5...	18.80	3.2	ng	293102	4	16.99	1858000	20.0
Cyclopenta(def)ph...	18.93	2.3	ng	217714	4	16.99	1858000	20.0
unknown20.55	20.55	2.2	ng	381571	5	21.19	3509590	20.0
Heptadecyl heptaf...	20.93	4.0	ng	702786	5	21.19	3509590	20.0