LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

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_G\METHODS\8270-BG061520.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	4.057	158	165	179	rBV	883672	1605760	1.85%	0.310%
2	5.502	402	411	430	rVB2	485108	1313968	1.51%	0.253%
3	5.902	472	479	485	rBV	616433	1107242	1.27%	0.214%
4	6.912	634	651	659	rBV	15973735	43219881	49.67%	8.334%
5	7.024	659	670	675	rVB	14374161	32892416	37.80%	6.342%
6	7.118	680	686	698	rVB	503283	985961	1.13%	0.190%
7	7.963	822	830	837	rVV2	801729	1640494	1.89%	0.316%
8	8.222	866	874	885	rVB2	503295	1306943	1.50%	0.252%
9	9.068	1008	1018	1029	rBV2	403024	1015404	1.17%	0.196%
10	9.726	1097	1130	1132	rBV	18916311	87010174	100.00%	16.778%
11	9.855	1144	1152	1163	rVB	800306	1299597	1.49%	0.251%
12	10.137	1184	1200	1207	rVB	13729104	34299072	39.42%	6.614%
13	10.501	1253	1262	1269	rBV	1755408	3026612	3.48%	0.584%
14	11.835	1481	1489	1496	rVB	1308902	2381839	2.74%	0.459%
15	12.299	1558	1568	1574	rBV	8093779	16421202	18.87%	3.166%
16	12.487	1587	1600	1606	rBV	10631962	22067200	25.36%	4.255%
17	12.822	1651	1657	1663	rVB	4501910	7851334	9.02%	1.514%
18	13.168	1711	1716	1725	rVB	1053403	1774331	2.04%	0.342%
19	13.286	1725	1736	1739	rBV2	680535	1473606	1.69%	0.284%
20	13.391	1743	1754	1759	rVB	4487495	8457320	9.72%	1.631%
21	13.556	1776	1782	1786	rBV	2083964	3445011	3.96%	0.664%
22	13.609	1786	1791	1797	rVB	4874617	7875167	9.05%	1.519%
23	13.761	1811	1817	1826	rVB6	360847	1114329	1.28%	0.215%
24	13.949	1841	1849	1854	rBV2	1719719	2891791	3.32%	0.558%
25	14.367	1914	1920	1929	rVB2	837226	1963250	2.26%	0.379%
26	14.525	1940	1947	1959	rBV2	1966492	4293109	4.93%	0.828%
27	14.713	1975	1979	1994	rVB3	459486	927044	1.07%	0.179%
28	14.930	2001	2016	2021	rBV3	16618023	37348220	42.92%	7.202%
29	14.995	2021	2027	2032	rVB	14279879	24087563	27.68%	4.645%
30	15.071	2032	2040	2045	rBV	6109644	9036122	10.39%	1.742%
31	15.336	2079	2085	2092	rBV	1038392	1722210	1.98%	0.332%
32	15.500	2109	2113	2121	rVB2	916185	1485550	1.71%	0.286%
33	15.630	2122	2135	2141	rBV	9404109	19061466	21.91%	3.676%
34	15.823	2161	2168	2177	rVB4	557320	1065597	1.22%	0.205%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

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_G\METHODS\8270-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.929	2177	2186	2191	rBV	5718611	10017100	11.51%	1.932%
36	16.058	2198	2208	2214	rBV2	2436875	4403531	5.06%	0.849%
37	16.229	2226	2237	2240	rBV	9354836	16252251	18.68%	3.134%
38	16.258	2240	2242	2250	rVV2	2416056	3102928	3.57%	0.598%
39	16.329	2250	2254	2263	rVB4	563347	1097802	1.26%	0.212%
40	16.616	2292	2303	2307	rBV	770321	1425303	1.64%	0.275%
41	16.663	2307	2311	2322	rVV2	478451	959968	1.10%	0.185%
42	16.793	2322	2333	2339	rVV2	12395611	26926309	30.95%	5.192%
43	16.992	2357	2367	2373	rVV	2340435	3721957	4.28%	0.718%
44	17.245	2405	2410	2415	rBV	1353041	1952100	2.24%	0.376%
45	17.315	2415	2422	2426	rBV2	915215	1500187	1.72%	0.289%
46	17.445	2437	2444	2449	rBV2	1984990	3324397	3.82%	0.641%
47	17.515	2451	2456	2463	rVV2	720290	1204391	1.38%	0.232%
48	17.921	2520	2525	2534	rVV	2478415	3755954	4.32%	0.724%
49	18.173	2560	2568	2572	rBV2	835030	1809875	2.08%	0.349%
50	18.584	2630	2638	2651	rBV3	2965129	7872280	9.05%	1.518%
51	18.761	2657	2668	2671	rBV	9288237	21218913	24.39%	4.092%
52	18.796	2671	2674	2681	rVB	5064638	7022994	8.07%	1.354%
53	19.043	2711	2716	2720	rVB	905431	1232271	1.42%	0.238%
54	19.107	2720	2727	2733	rBV	973644	1595715	1.83%	0.308%
55	19.225	2742	2747	2750	rBV	951189	1272555	1.46%	0.245%
56	19.278	2750	2756	2762	rVB2	1013052	1711297	1.97%	0.330%
57	19.918	2860	2865	2870	rBV	1621816	2255983	2.59%	0.435%
58	21.457	3121	3127	3136	rVB	1383204	2047712	2.35%	0.395%
59	21.886	3194	3200	3205	rBV	1012228	1531401	1.76%	0.295%
60	22.602	3317	3322	3340	rVB2	370500	900899	1.04%	0.174%
61	24.676	3668	3675	3687	rVB2	335694	1023054	1.18%	0.197%

Sum of corrected areas: 518605912

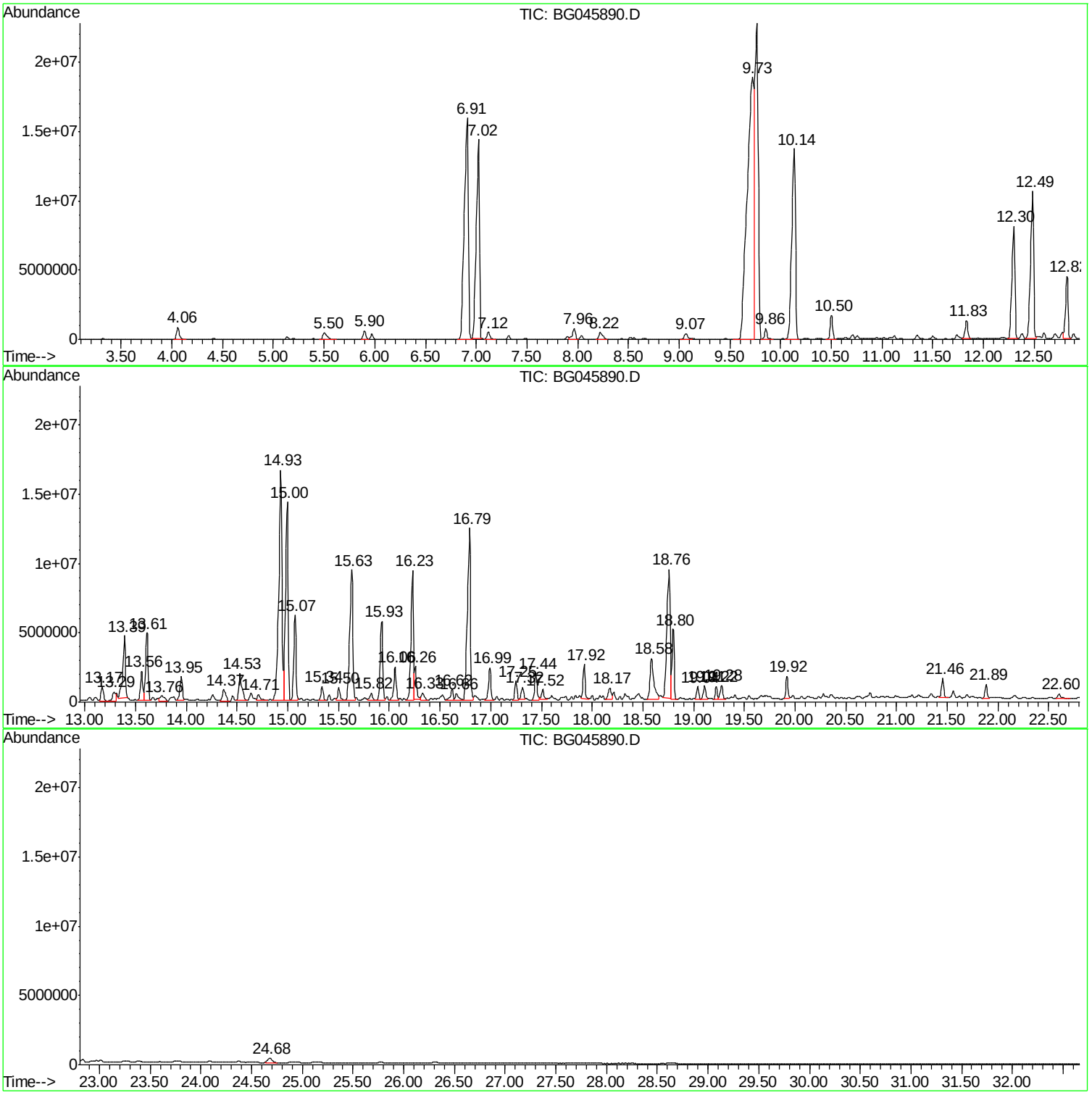
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

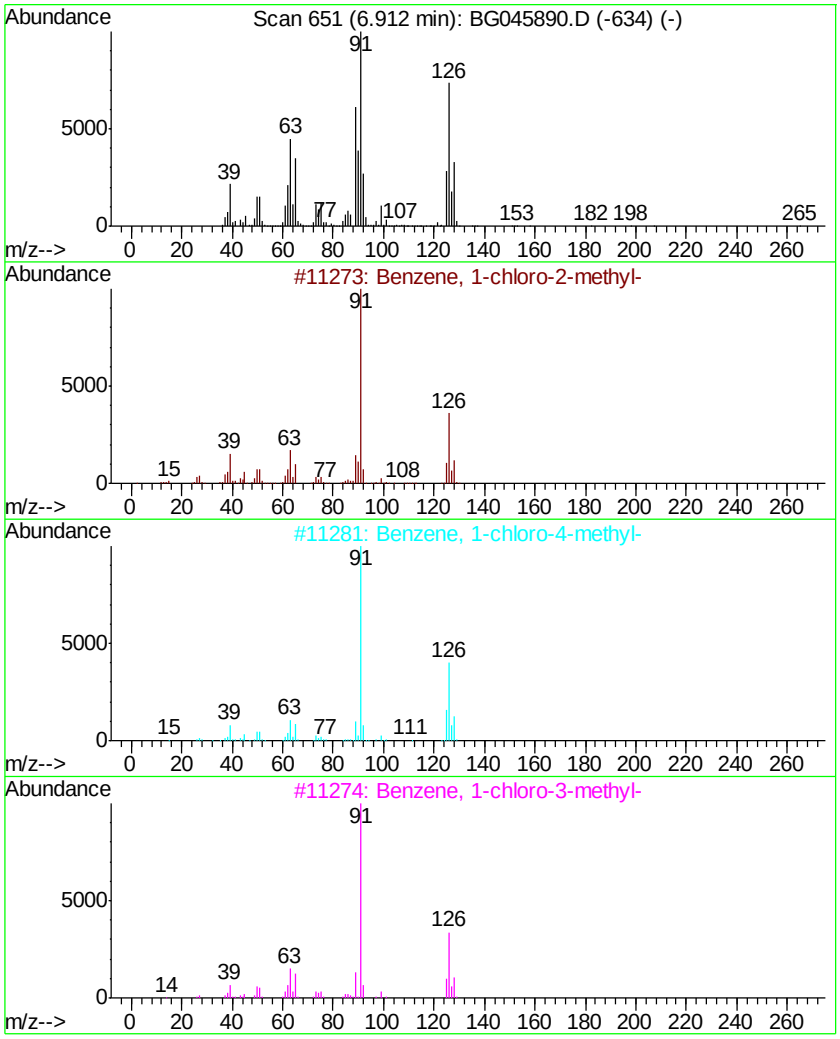
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

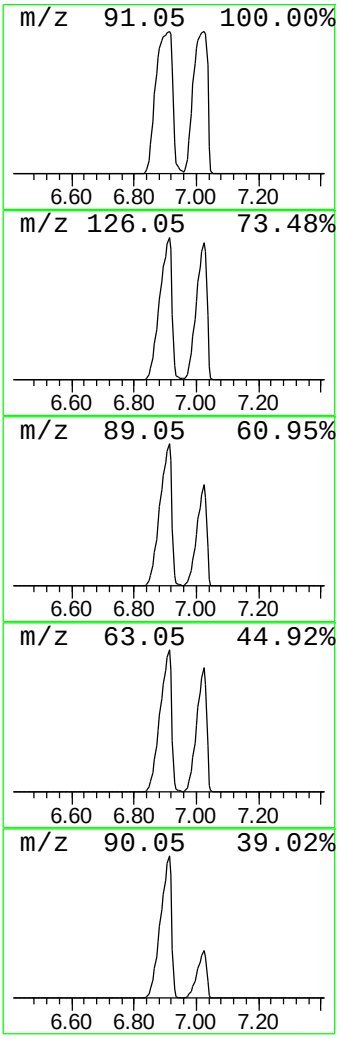
****

Peak Number 1 Benzene, 1-chloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	526.91 ng	43219900	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	93
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	91
4	Benzyl chloride	126	C7H7Cl	000100-44-7	80
5	Benzene, 1-(chloromethyl)-2-nitro-	171	C7H6ClNO2	000612-23-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

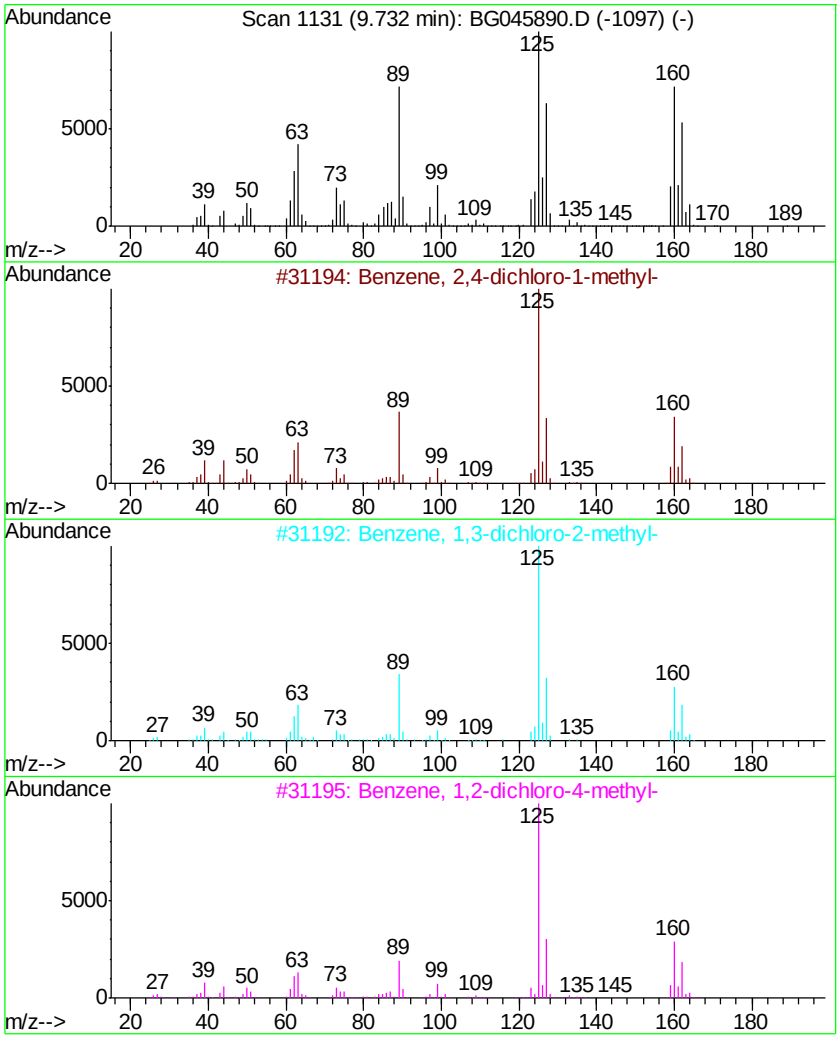
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

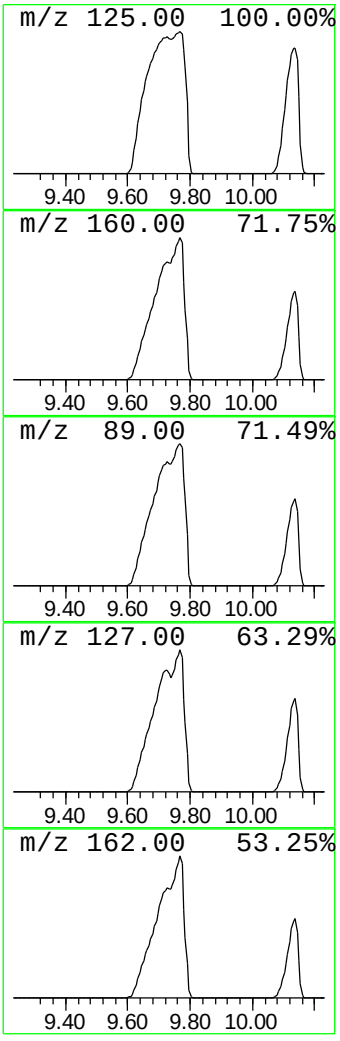
****

Peak Number 2 Benzene, 2,4-dichloro-1-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	574.97 ng	87010200	Naphthalene-d8	10.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	86
2	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	81
3	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	76
4	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	74
5	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

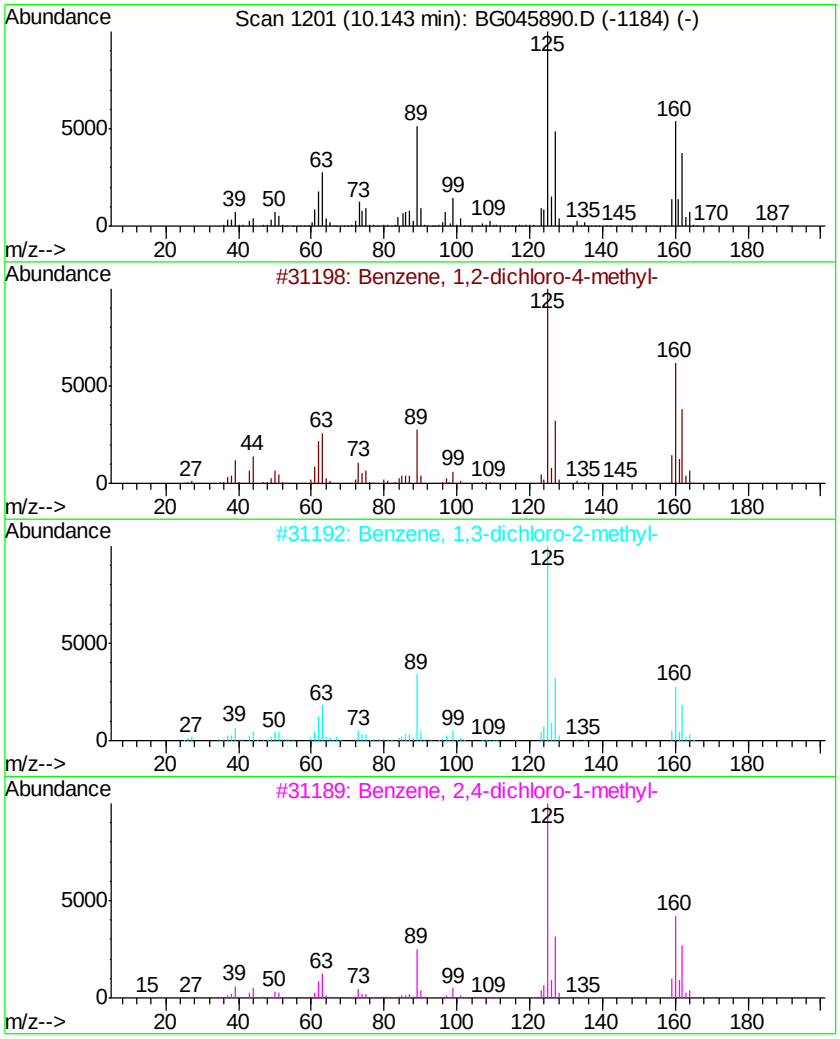
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

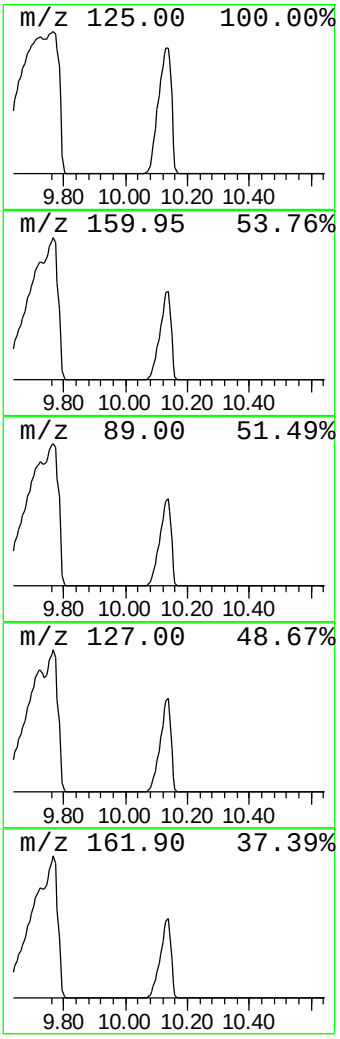
****

Peak Number 3 Benzene, 1,2-dichloro-4-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	226.65 ng	34299100	Naphthalene-d8	10.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	94
2	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	93
3	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	93
4	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	90
5	Benzene, 1-chloro-3-(chloromethyl)-	160	C7H6Cl2	000620-20-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

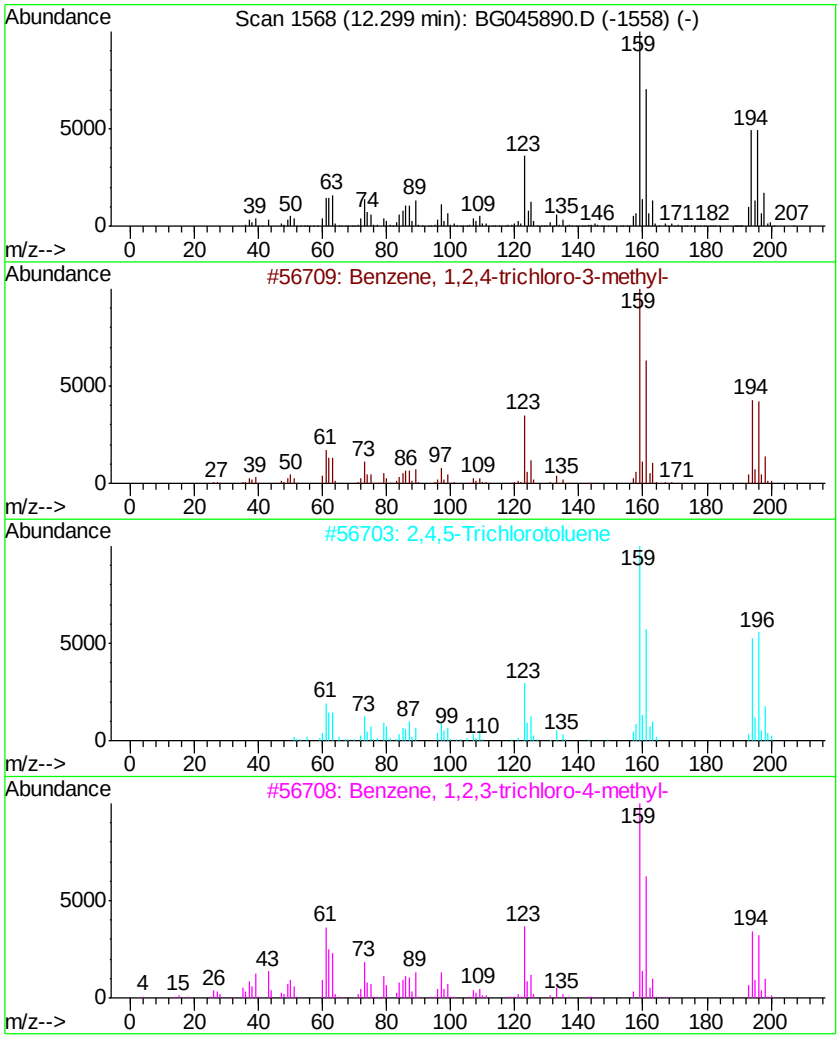
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

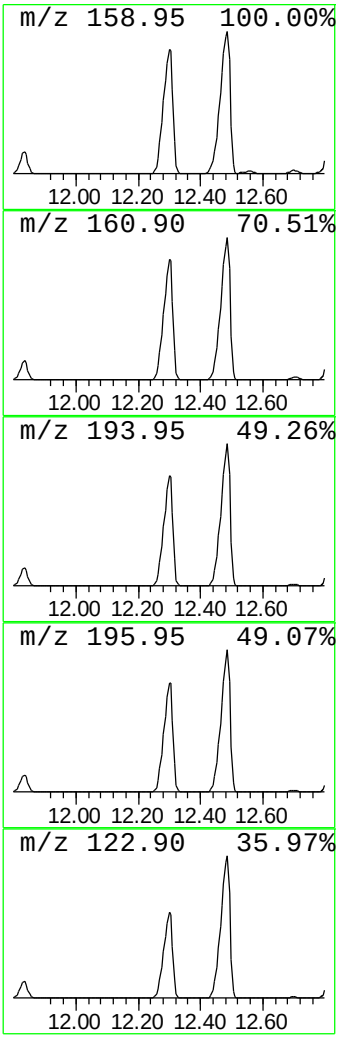
****

Peak Number 4 2,4,5-Trichlorotoluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	108.51 ng	16421200	Naphthalene-d8	10.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	98
3	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	97
4	Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	96
5	Benzene, 1,2-dichloro-3-(chlorom...	194	C7H5Cl3	003290-01-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

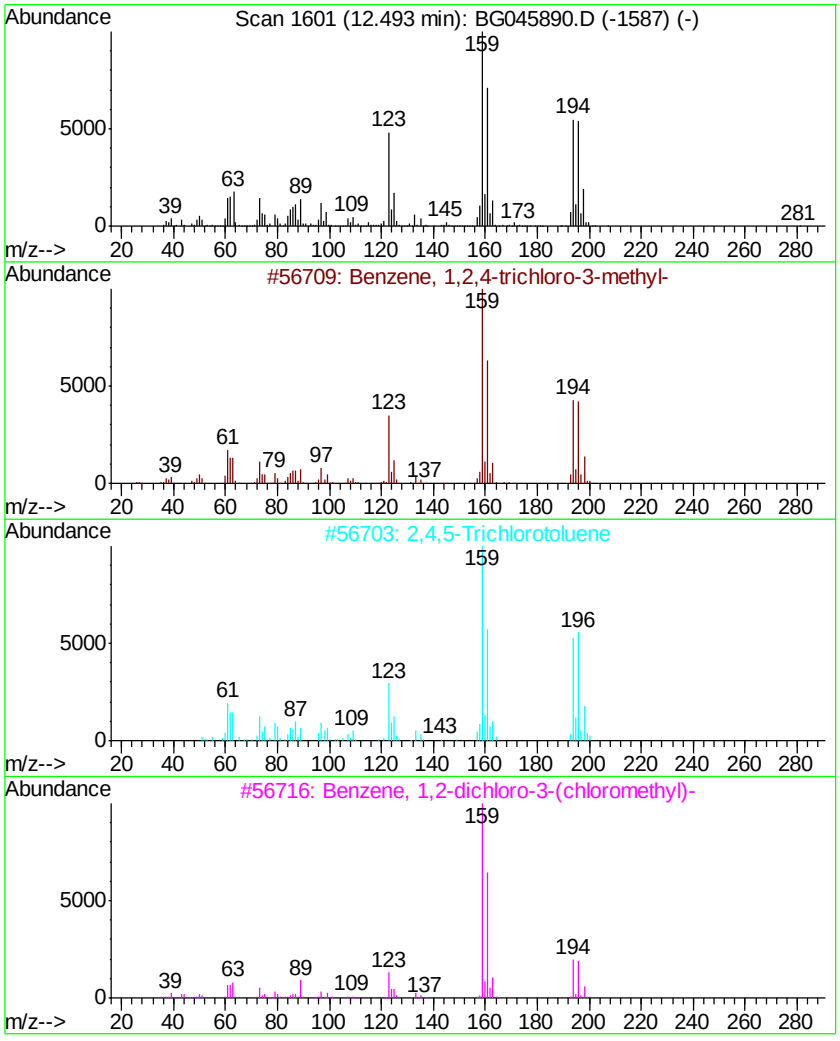
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

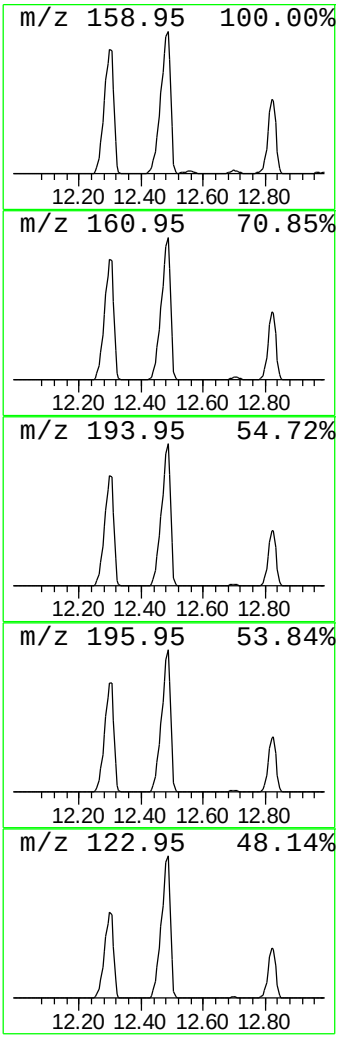
****

Peak Number 5 Benzene, 1,2-dichloro-3-(ch... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	145.82 ng	22067200	Naphthalene-d8	10.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	98
2	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	94
3	Benzene, 1,2-dichloro-3-(chlorom...	194	C7H5Cl3	003290-01-5	93
4	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	93
5	Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

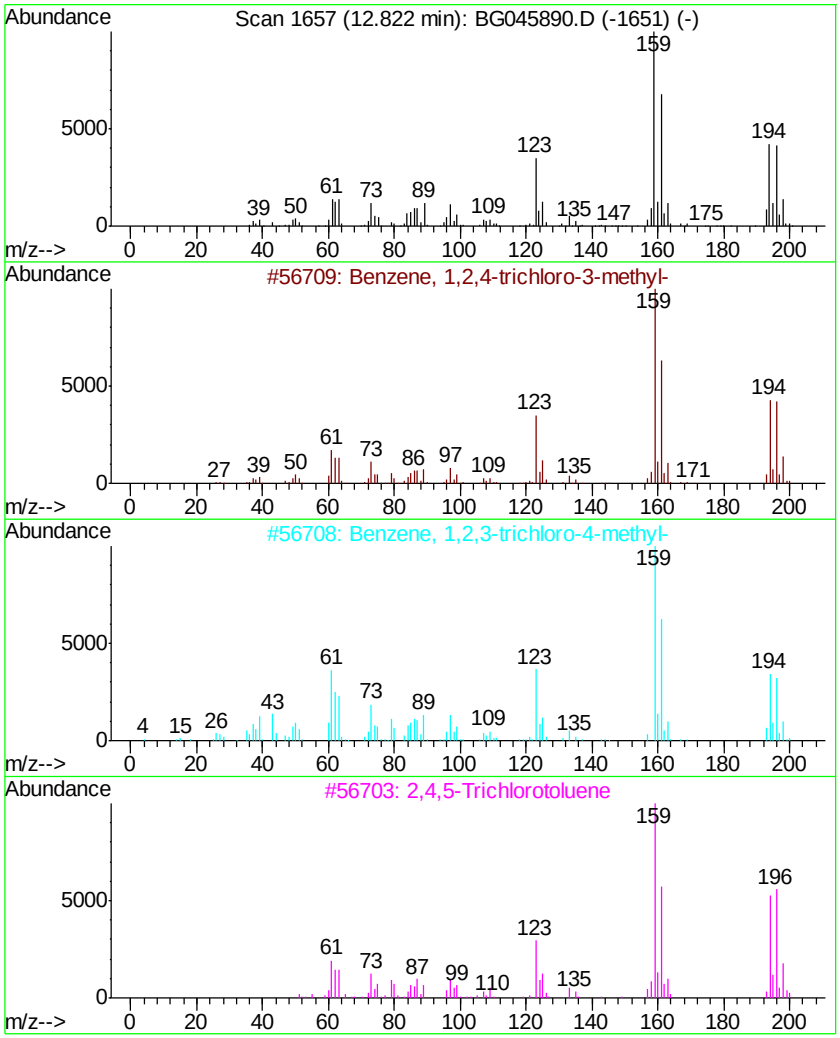
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

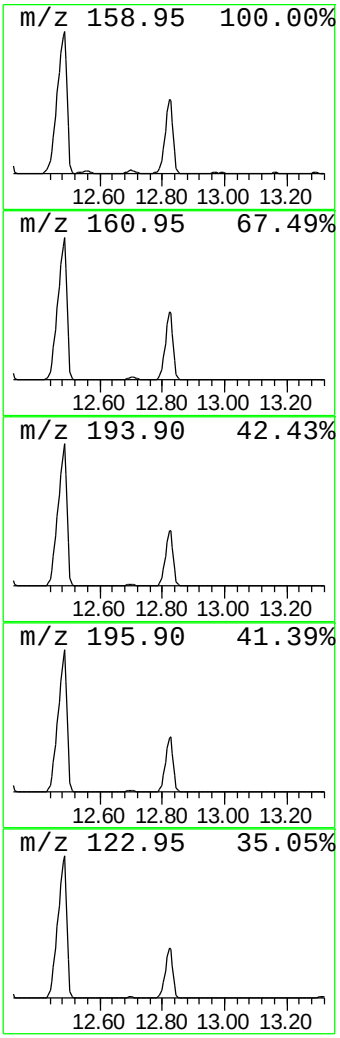
****

Peak Number 6 Benzene, 1,2,4-trichloro-3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	36.58 ng	7851330	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	98
3	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	98
4	2,5-Dichlorobenzyl chloride	194	C7H5Cl3	002745-49-5	91
5	Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

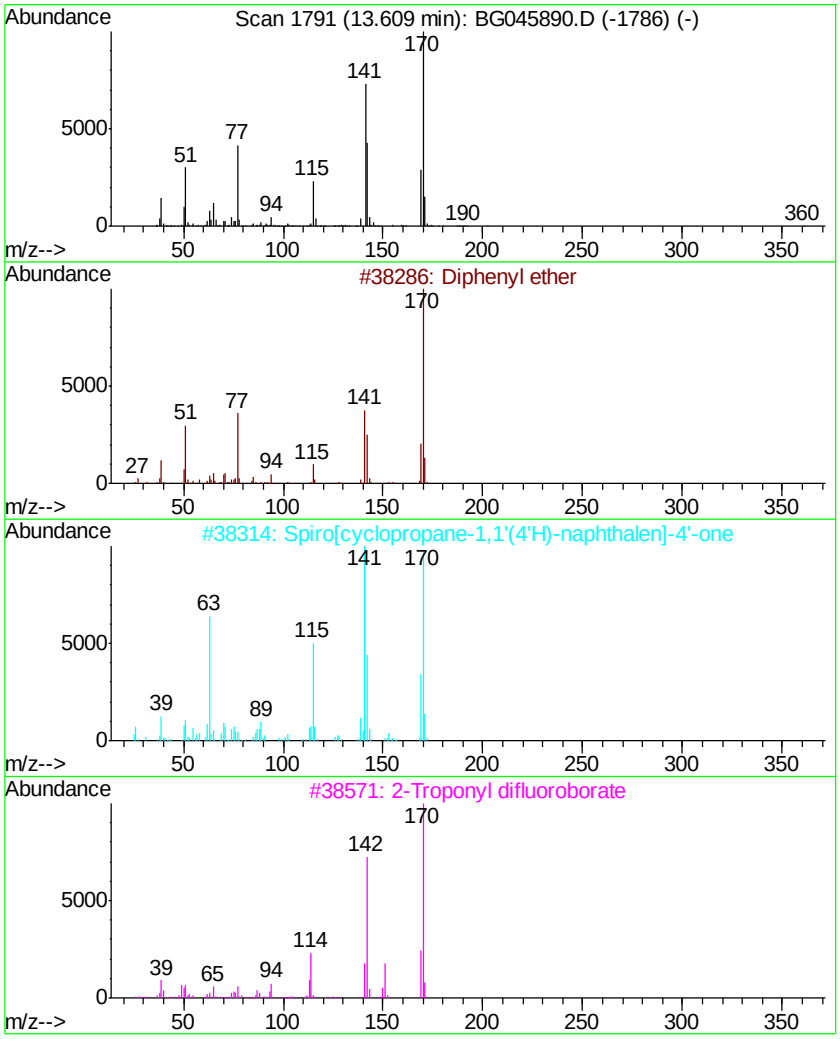
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

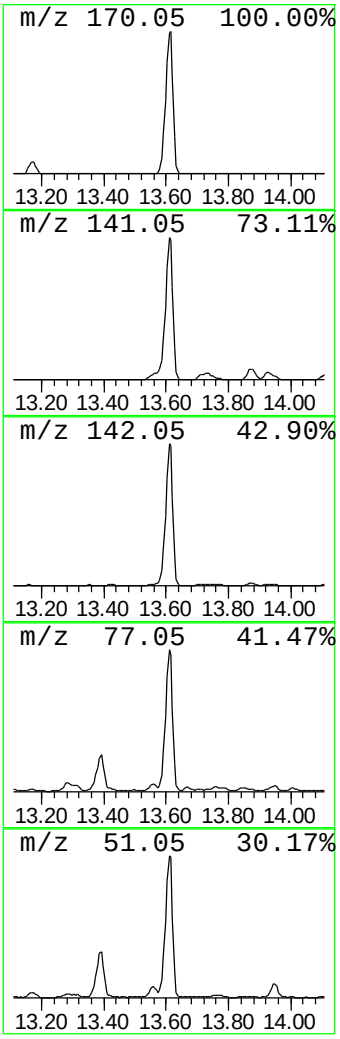
****

Peak Number 7 Diphenyl ether Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	36.69 ng	7875170	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	87
2	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	62
3	2-Troponyl difluoroborate	170	C7H5BF2O2	022502-10-9	47
4	Phenol, O-(ethylsulfinyl)-	170	C8H10O2S	029634-40-0	38
5	1,2-Dehydro-as-hydrindacene	170	C13H14	096508-75-7	38





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Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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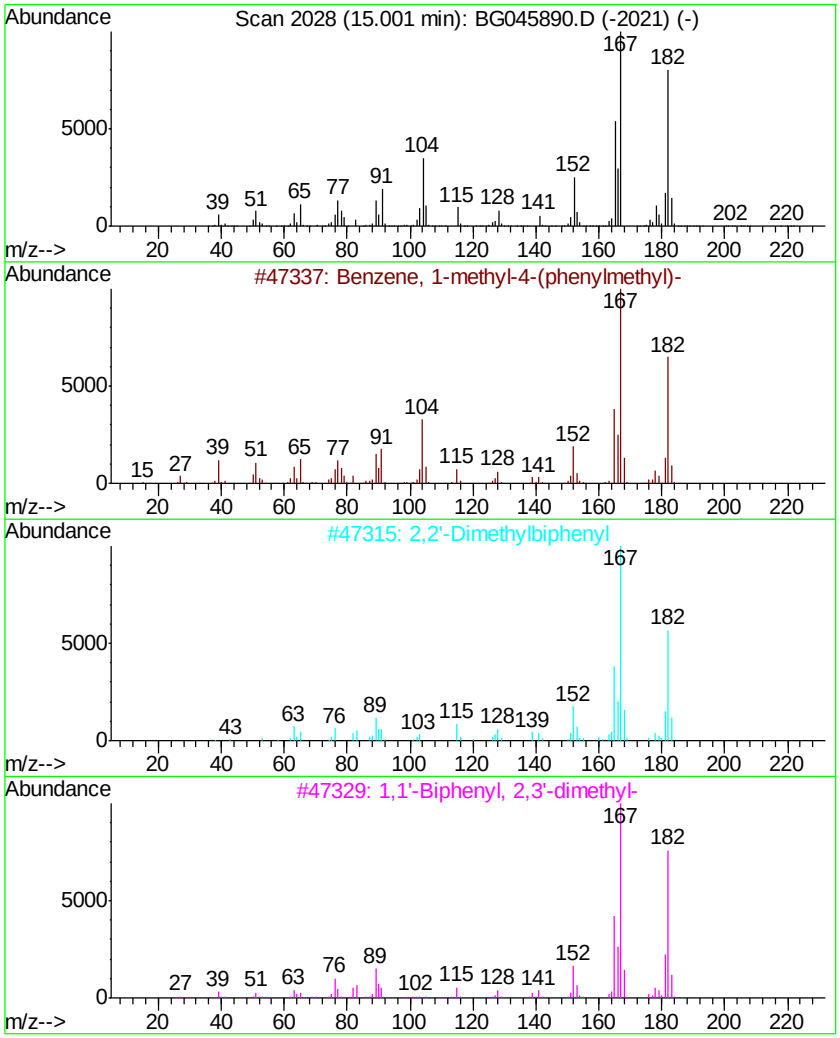
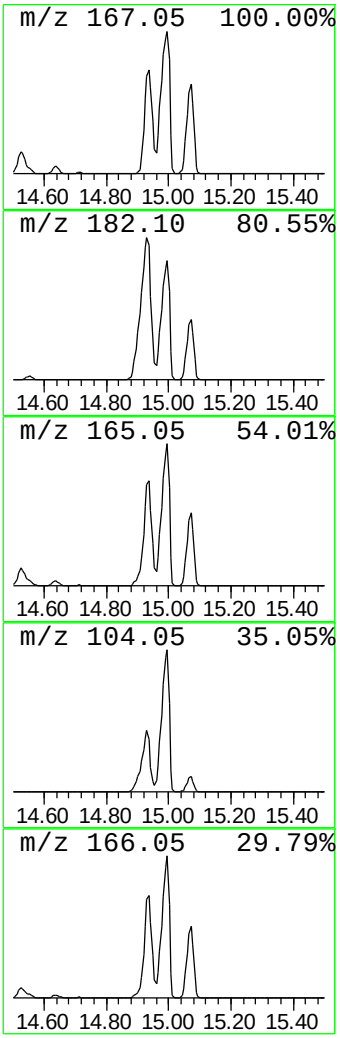
Peak Number 8 Benzene, 1-methyl-4-(phenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	112.22 ng	24087600	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	90
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	89
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	89
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	87
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	81





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Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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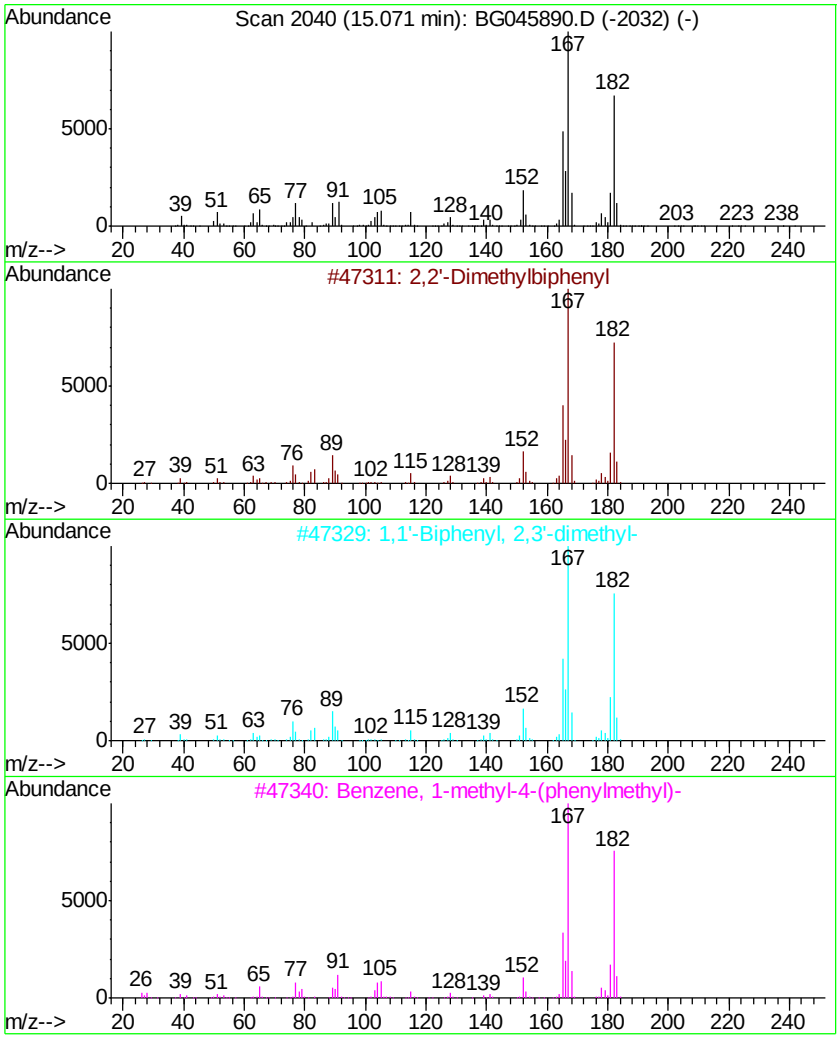
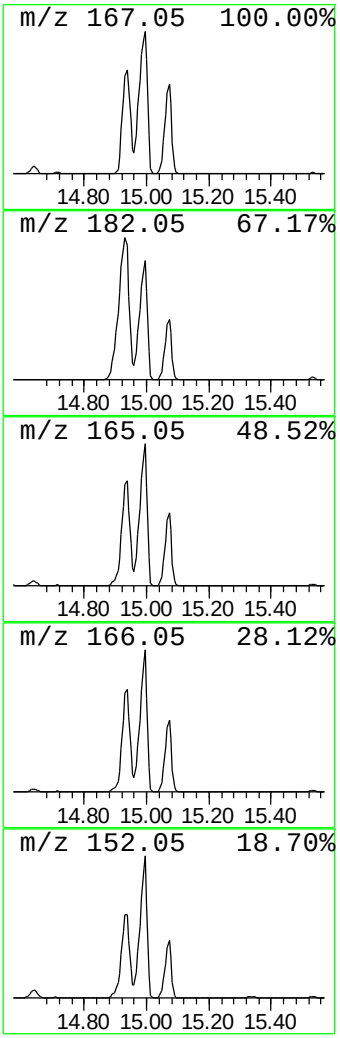
Peak Number 9 2,2'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	42.10 ng	9036120	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	97
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	97
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	95
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	94
5	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	93





Library Search Compound Report

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Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : EPEC-POLYMERS-05

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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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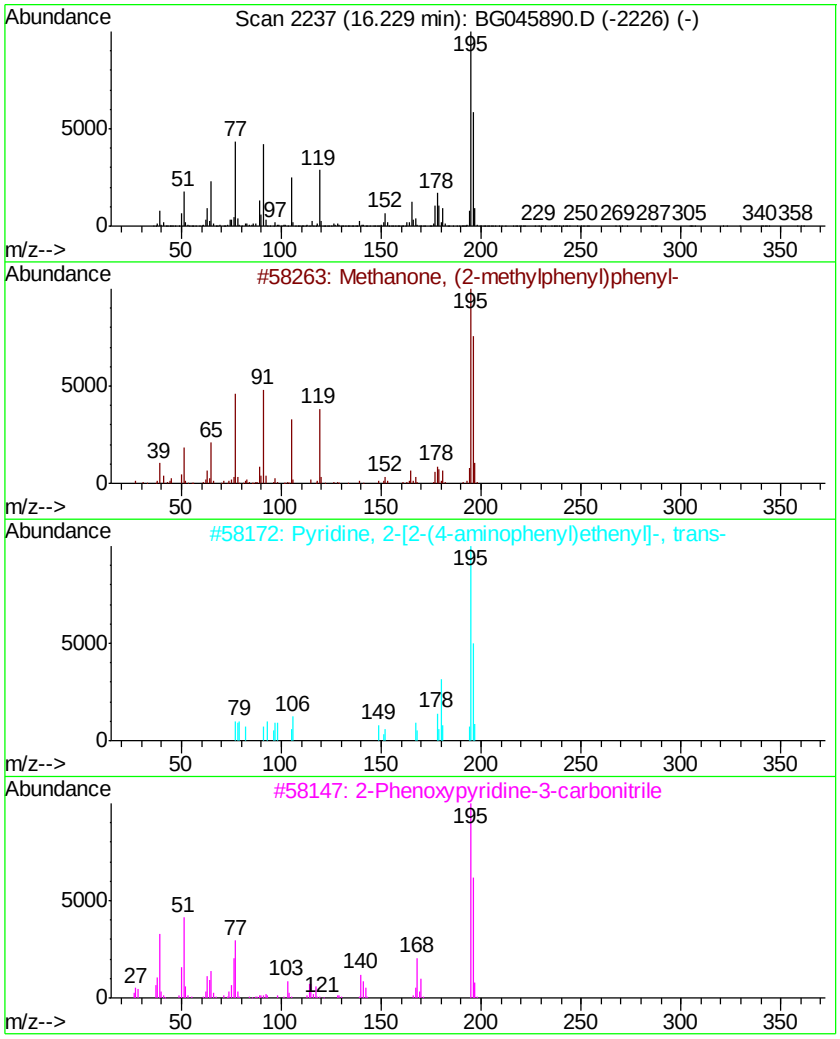
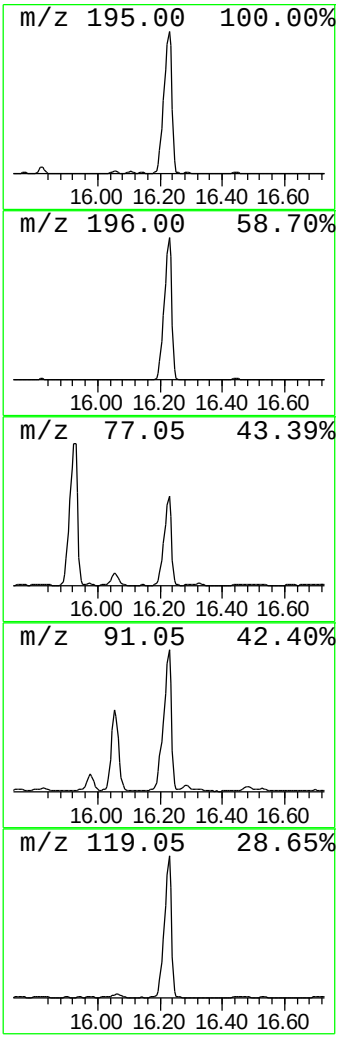
Peak Number 10 Methanone, (2-methylphenyl)... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	216.67 ng	16252300	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	97
2	Pyridine, 2-[2-(4-aminophenyl)et...	196	C13H12N2	001694-46-8	52
3	2-Phenoxypyridine-3-carbonitrile	196	C12H8N2O	014178-15-5	47
4	Methanone, bis(2-methylphenyl)-	210	C15H14O	001018-97-9	46
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	38





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Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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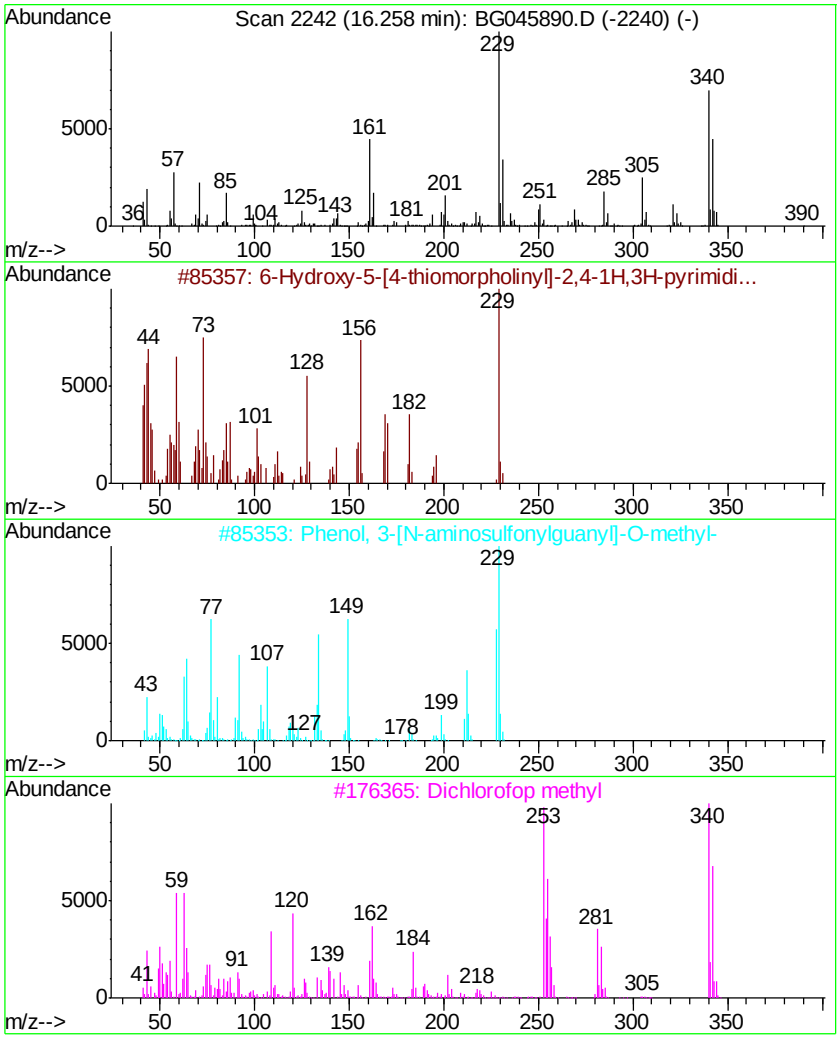
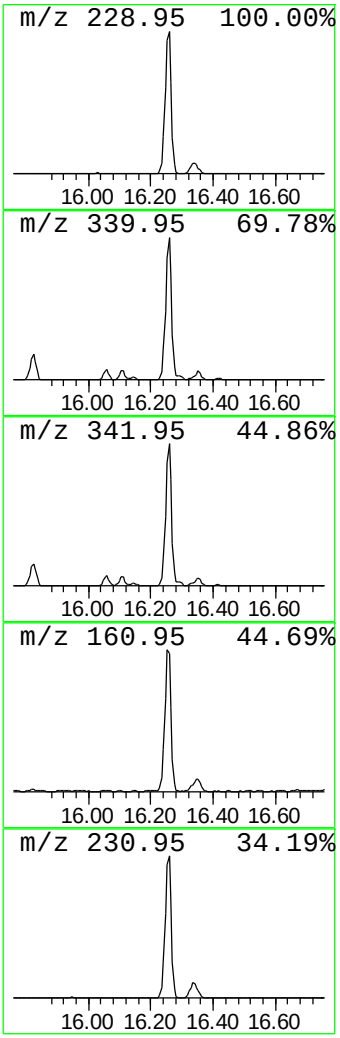
Peak Number 11 unknown16.26 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	41.37 ng	3102930	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Hydroxy-5-[4-thiomorpholinyl]-...	229	C8H11N3O3S	1000212-11-4	35
2	Phenol, 3-[N-aminosulfonylguanyl...	229	C8H11N3O3S	1000211-43-8	18
3	Dichlorofop methyl	340	C16H14Cl2O4	1000214-12-5	18
4	4-Piperidino-1-oxo-1,2-dihydroph...	229	C13H15N3O	078755-15-4	18
5	(10H)Acridin-9-one, 4-chloro-	229	C13H8ClNO	069220-40-2	16





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Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

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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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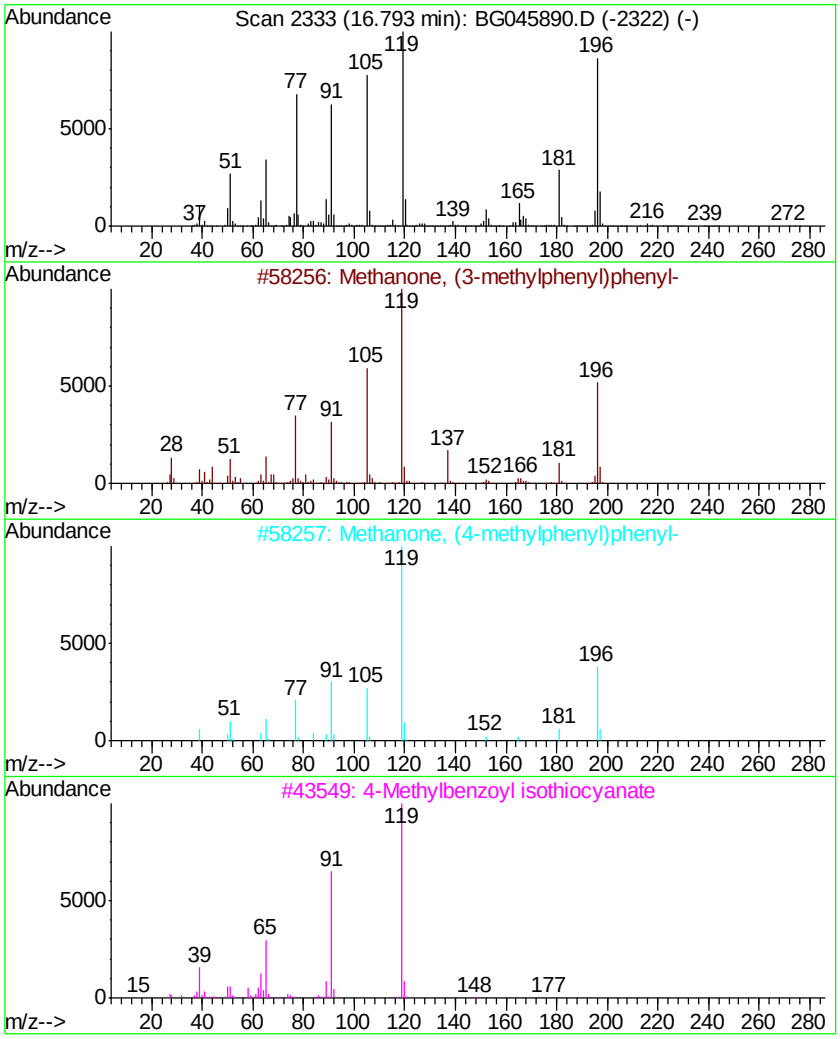
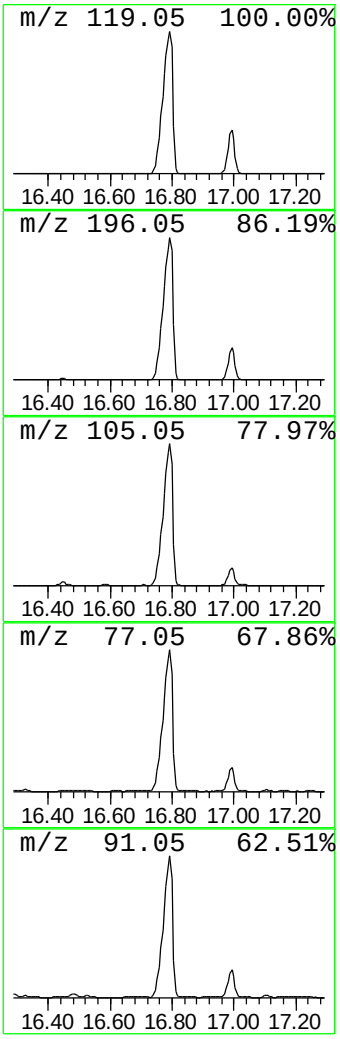
Peak Number 12 Methanone, (3-methylphenyl)... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	358.97 ng	26926300	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (3-methylphenyl)phenyl-	196	C14H12O	000643-65-2	90
2	Methanone, (4-methylphenyl)phenyl-	196	C14H12O	000134-84-9	90
3	4-Methylbenzoyl isothiocyanate	177	C9H7NOS	016794-68-6	80
4	3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	80
5	Diazene, (4-methylphenyl)phenyl-	196	C13H12N2	000949-87-1	52





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

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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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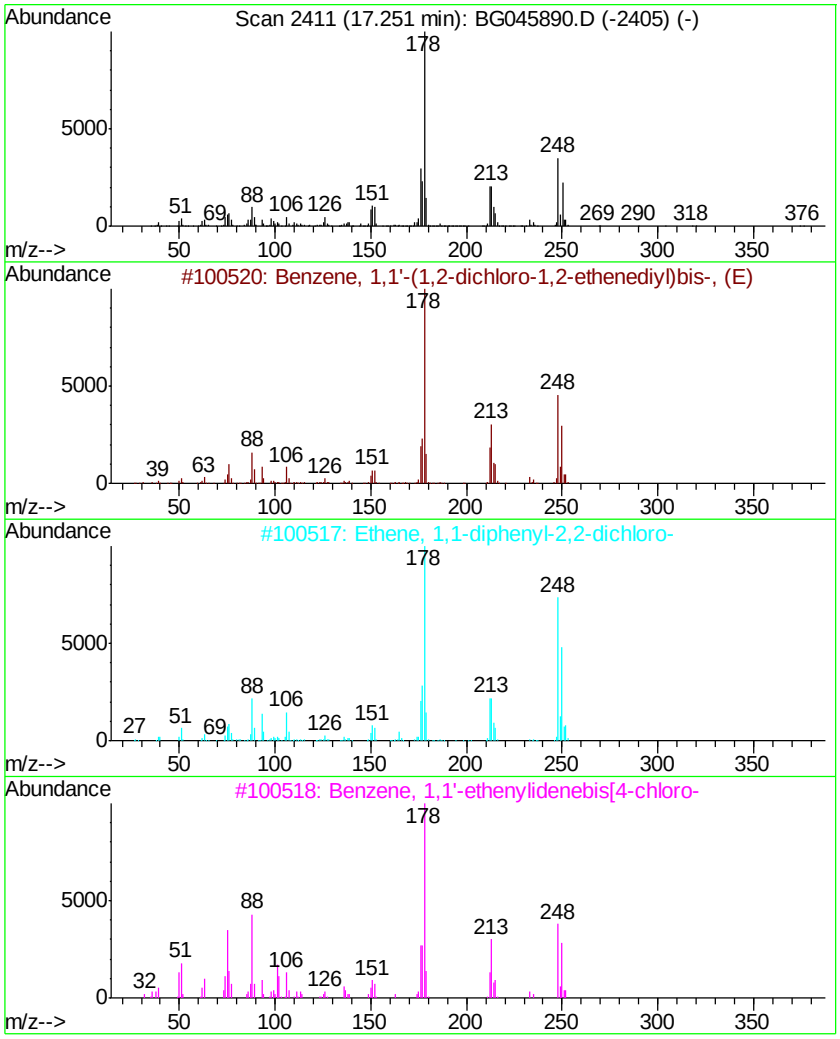
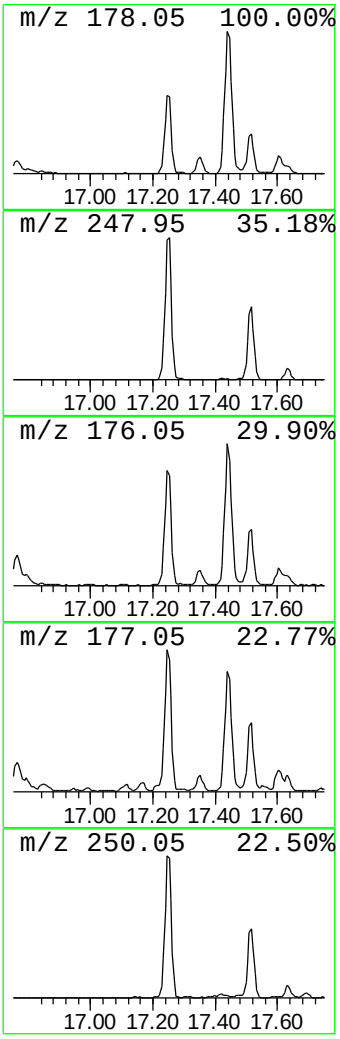
Peak Number 13 Benzene, 1,1'-(1,2-dichloro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	26.02 ng	1952100	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-dichloro-1,2-...	248	C14H10Cl2	000951-86-0	98
2	Ethene, 1,1-diphenyl-2,2-dichloro-	248	C14H10Cl2	002779-69-3	94
3	Benzene, 1,1'-ethenylidenebis[4-...	248	C14H10Cl2	002642-81-1	94
4	Benzene, 1,1'-(1,2-dichloro-1,2-...	248	C14H10Cl2	005216-32-0	93
5	2,2'-Dichlorostilbene	248	C14H10Cl2	1000147-14-3	93





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Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

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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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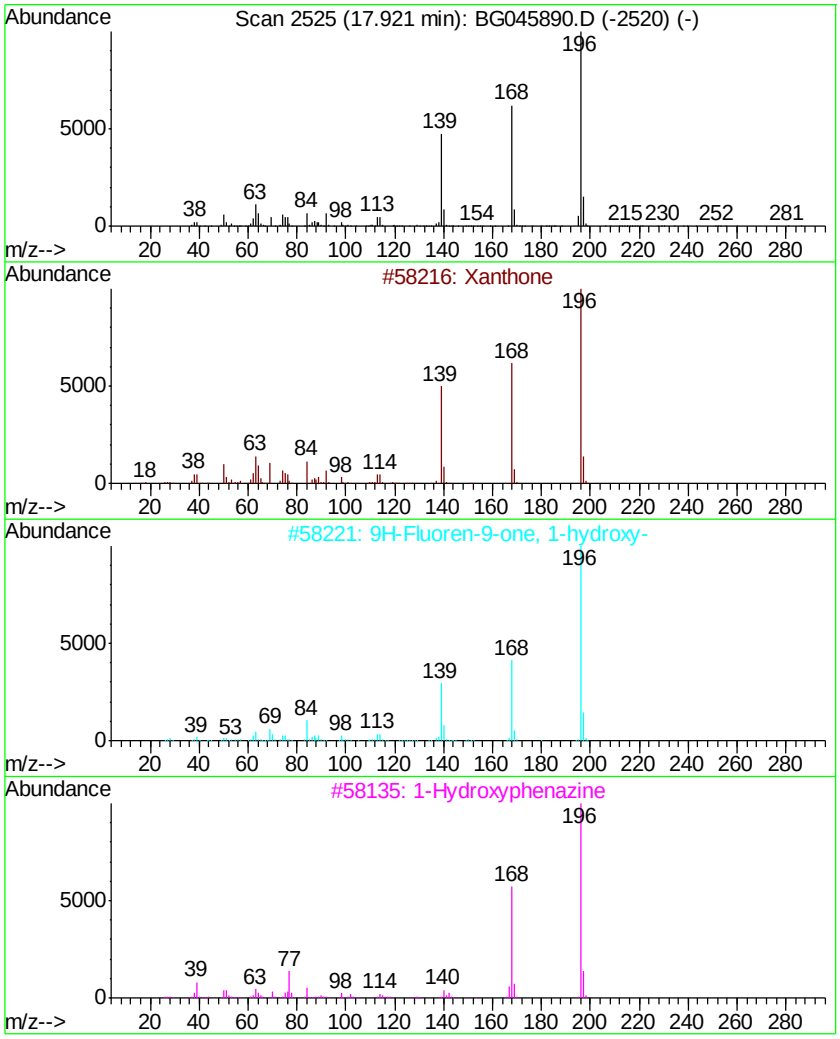
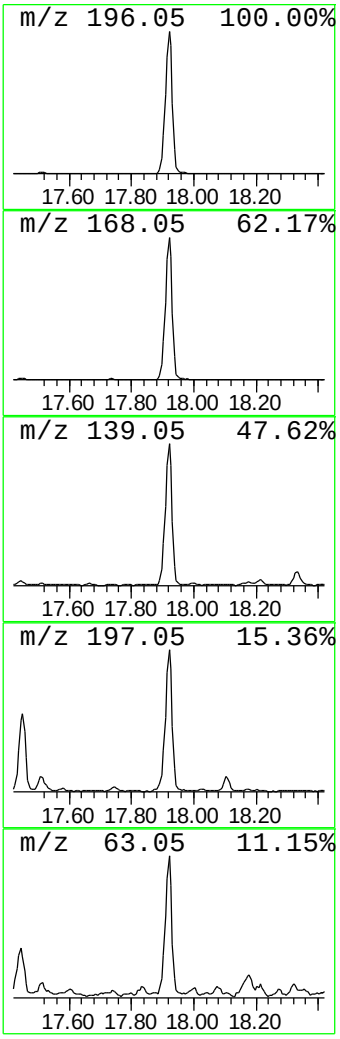
Peak Number 14 Xanthone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	50.07 ng	3755950	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xanthone	196	C13H8O2	000090-47-1	96
2	9H-Fluoren-9-one, 1-hydroxy-	196	C13H8O2	006344-60-1	90
3	1-Hydroxyphenazine	196	C12H8N2O	000528-71-2	76
4	4(1H)-Phenanthrenone, 2,3-dihydro-	196	C14H12O	000778-48-3	64
5	2-Hydroxy-9-fluorenone	196	C13H8O2	006949-73-1	58





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Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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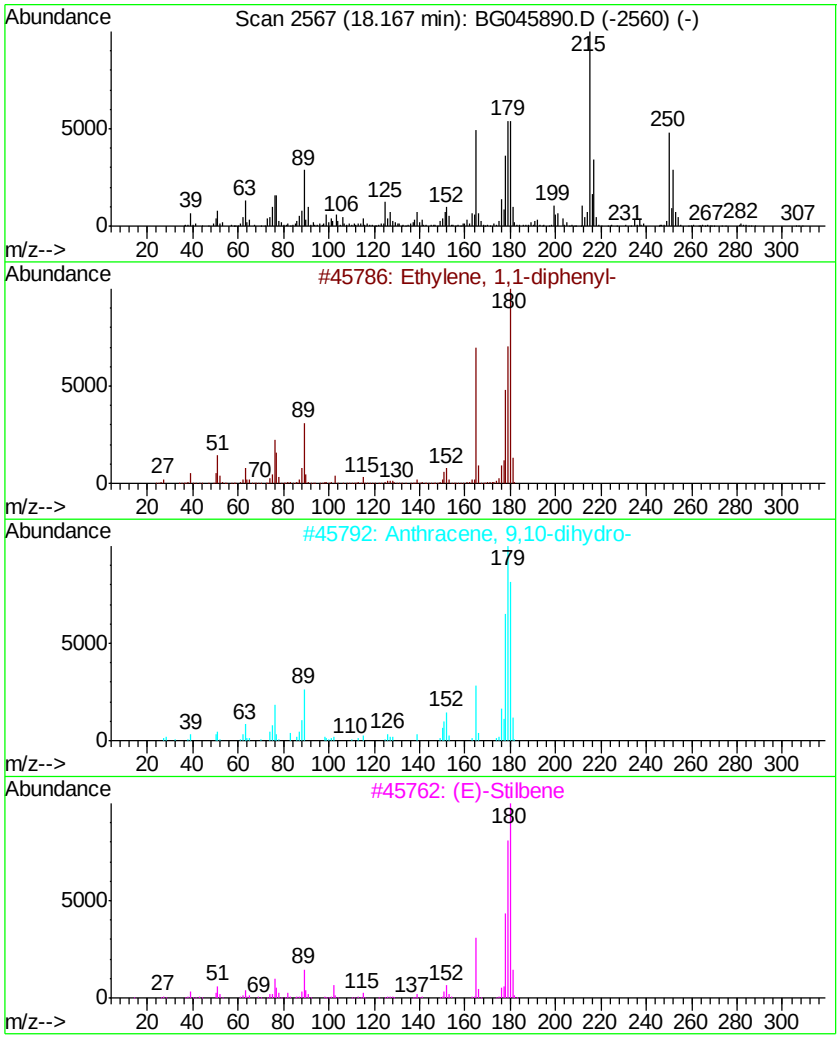
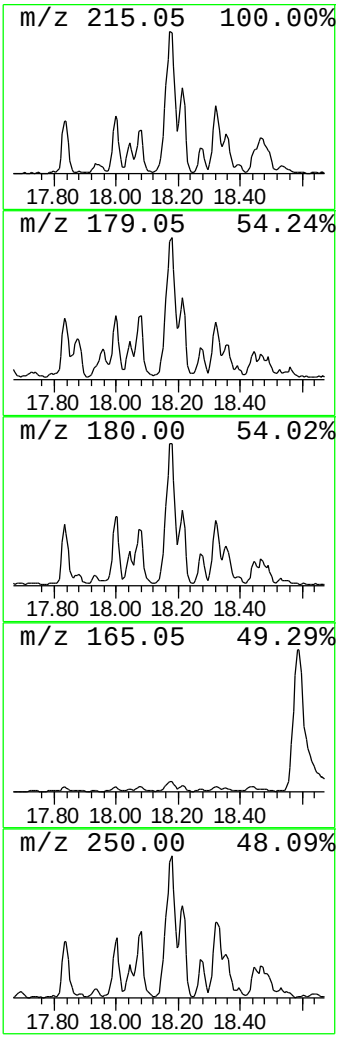
Peak Number 15 Ethylene, 1,1-diphenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	24.13 ng	1809880	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	93
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	68
3	(E)-Stilbene	180	C14H12	000103-30-0	51
4	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	47
5	2,5-Dichlorothiophene-3-sulfonyl...	250	C4HCl3O2S2	056946-83-9	41





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Misc :
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Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

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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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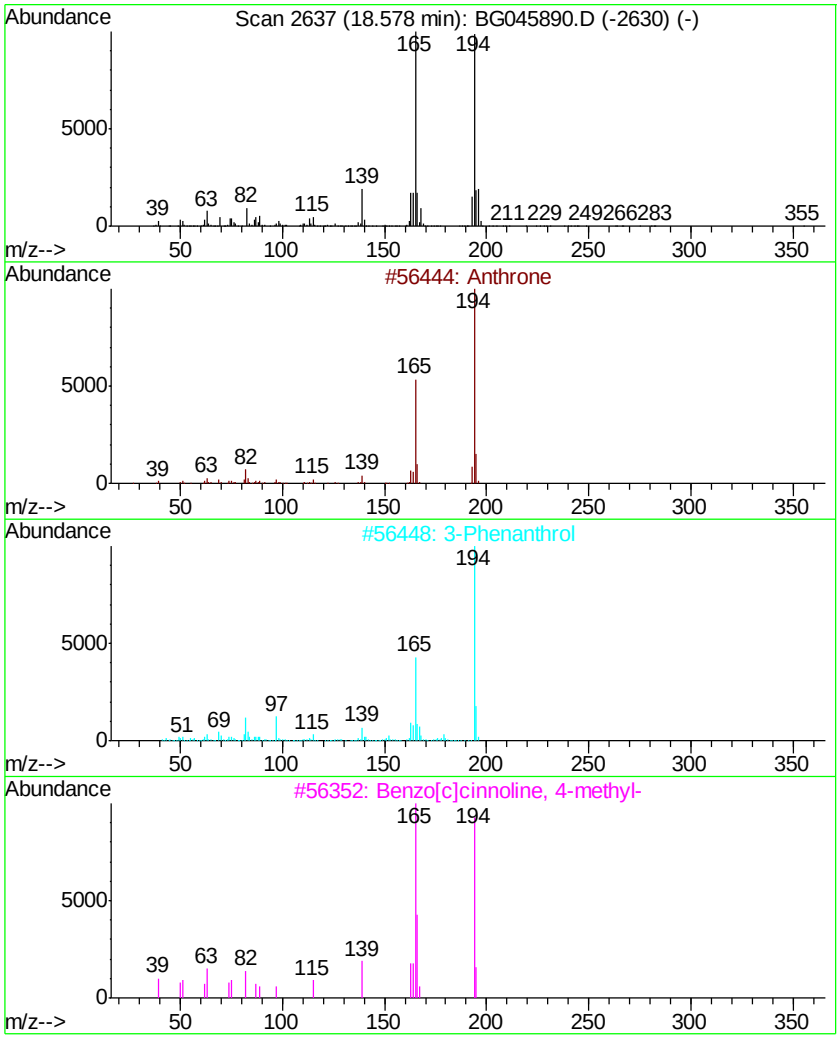
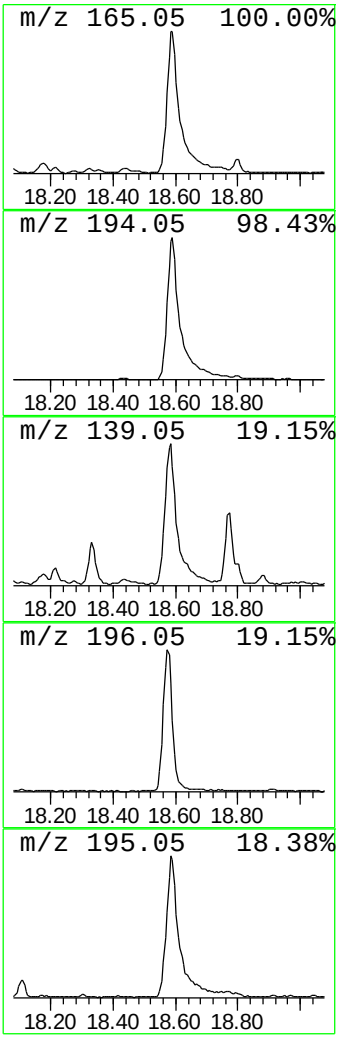
Peak Number 16 Anthrone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	104.95 ng	7872280	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	91
2	3-Phenanthrol	194	C14H10O	000605-87-8	90
3	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	87
4	9-Phenanthrenol	194	C14H10O	000484-17-3	87
5	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	87





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : EPEC-POLYMERS-05

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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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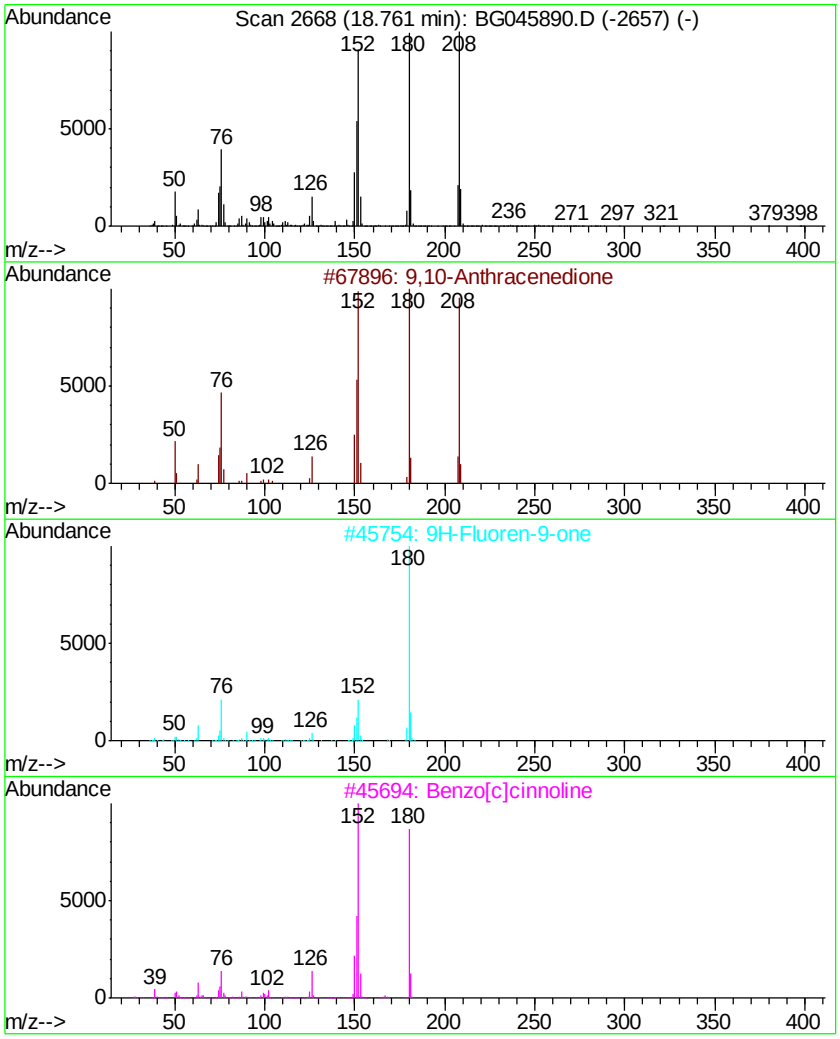
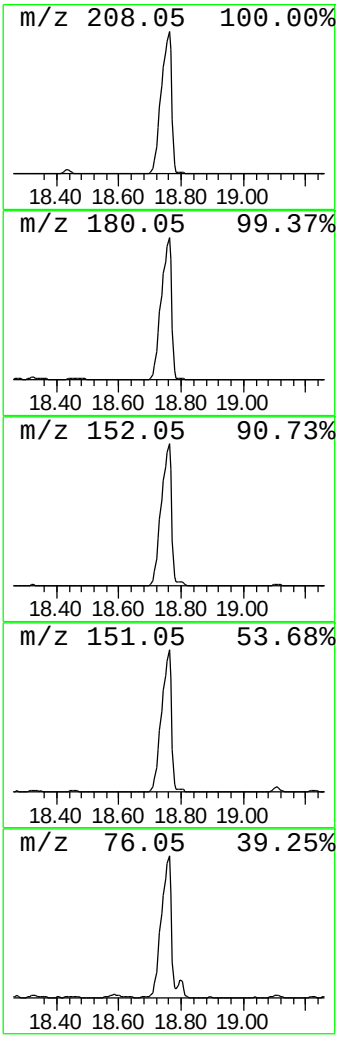
Peak Number 17 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	282.88 ng	21218900	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : EPEC-POLYMERS-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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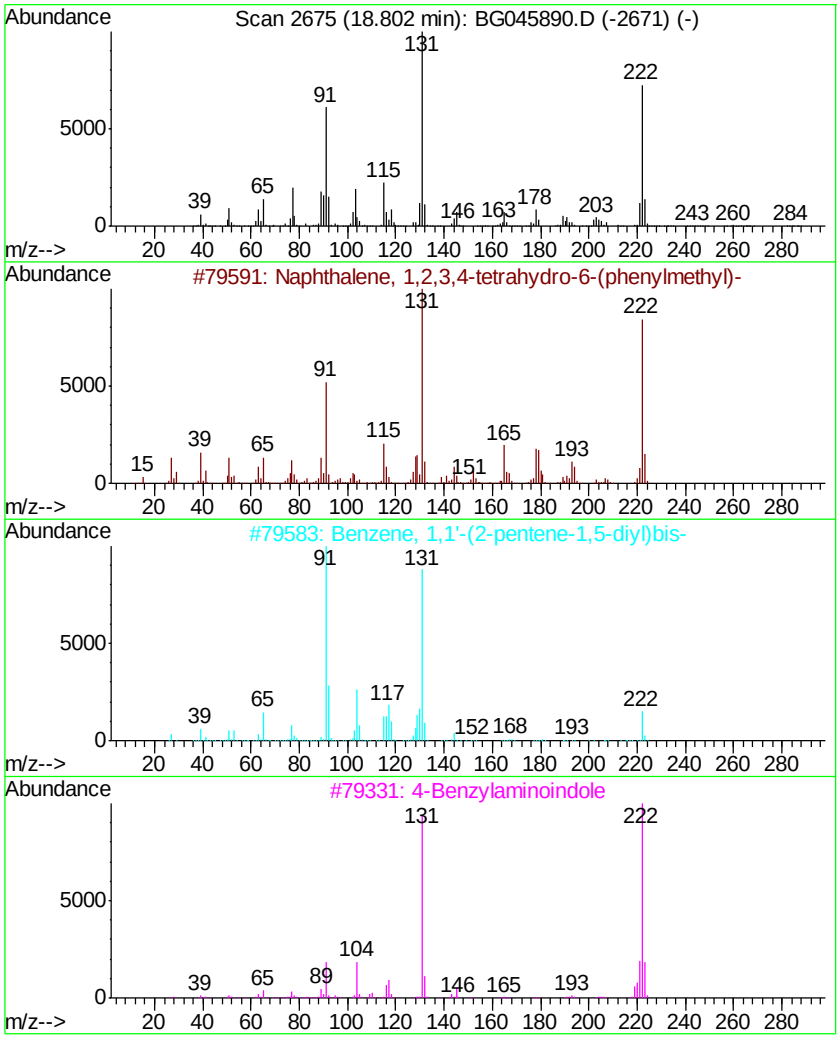
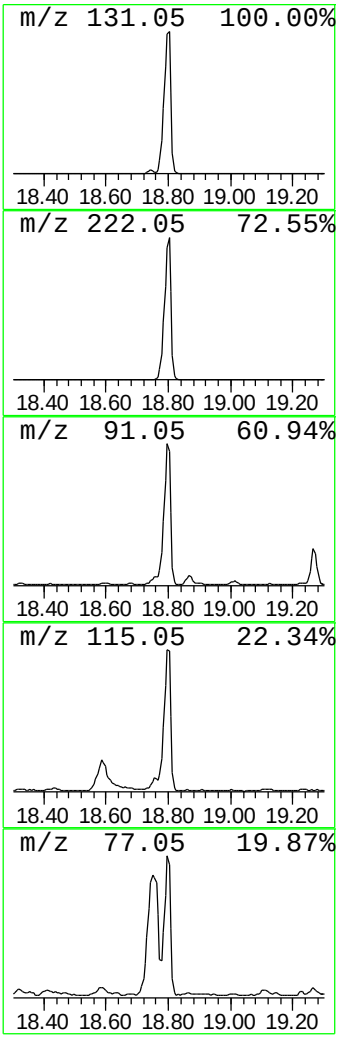
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	93.63 ng	7022990	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	222	C17H18	035310-85-1	64
2	Benzene, 1,1'-(2-pentene-1,5-diy...	222	C17H18	040939-59-1	62
3	4-Benzylaminoindole	222	C15H14N2	035245-93-3	53
4	Isoquinoline 1,2,3,4-tetrahydro-...	178	C9H10N2O2	010308-72-2	38
5	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	38





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Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

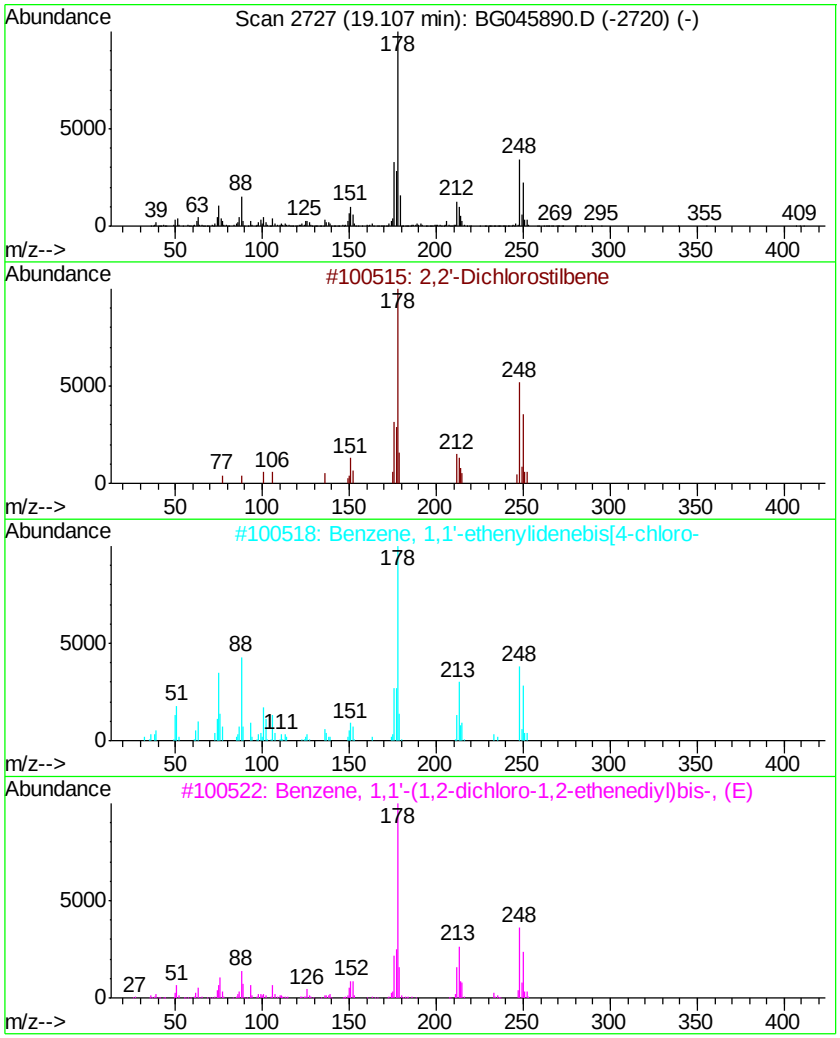
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

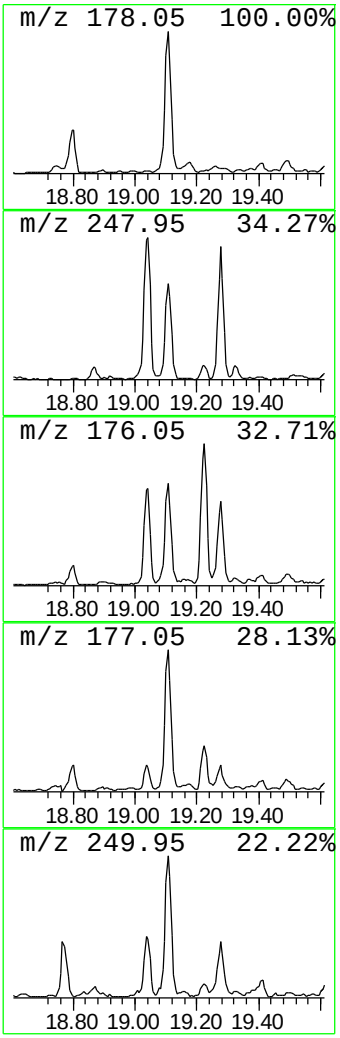
****

Peak Number 19 2,2'-Dichlorostilbene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	21.27 ng	1595720	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dichlorostilbene	248	C14H10Cl2	1000147-14-3	95
2	Benzene, 1,1'-ethenylidenebis[4-...	248	C14H10Cl2	002642-81-1	94
3	Benzene, 1,1'-(1,2-dichloro-1,2-...	248	C14H10Cl2	000951-86-0	90
4	Ethene, 1,1-diphenyl-2,2-dichloro-	248	C14H10Cl2	002779-69-3	80
5	Benzene, 1,1'-(1,2-dichloro-1,2-...	248	C14H10Cl2	005216-32-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

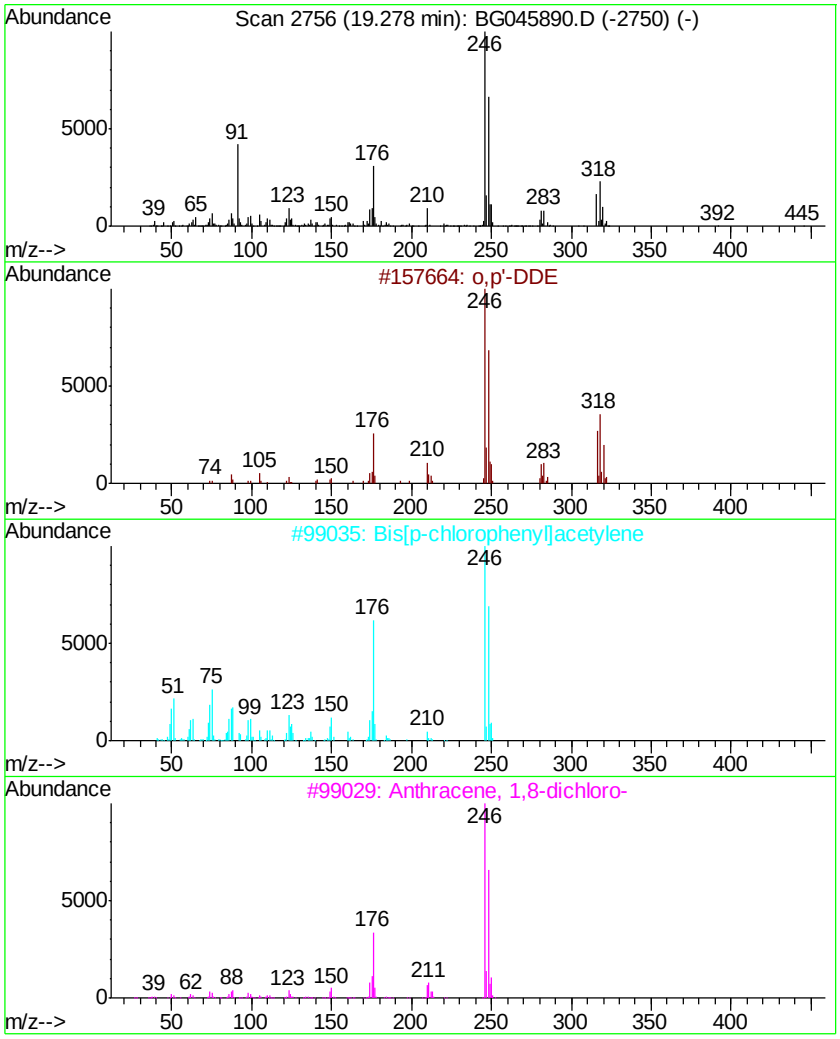
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

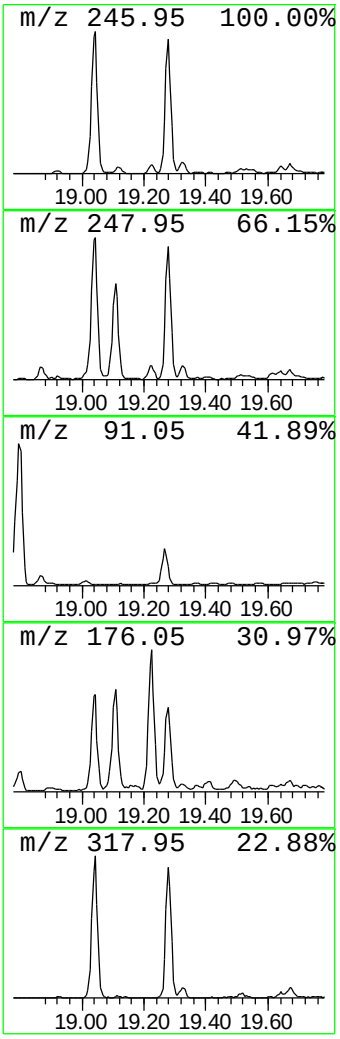
****

Peak Number 20 o,p'-DDE Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	22.81 ng	1711300	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDE	316	C14H8Cl4	003424-82-6	96
2	Bis[p-chlorophenyl]acetylene	246	C14H8Cl2	001820-42-4	94
3	Anthracene, 1,8-dichloro-	246	C14H8Cl2	014381-66-9	94
4	Benzene, 1,1'-(1,2-dichloro-1,2-...	316	C14H8Cl4	088970-69-8	94
5	Anthracene, 9,10-dichloro-	246	C14H8Cl2	000605-48-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPEC-POLYMERS-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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
Benzene, 1-chloro...	6.91	526.9	ng	43219900	1	7.90	1640490	20.0
Benzene, 2,4-dich...	9.73	575.0	ng	87010200	2	10.71	3026610	20.0
Benzene, 1,2-dich...	10.14	226.7	ng	34299100	2	10.71	3026610	20.0
2,4,5-Trichloroto...	12.30	108.5	ng	16421200	2	10.71	3026610	20.0
Benzene, 1,2-dich...	12.49	145.8	ng	22067200	2	10.71	3026610	20.0
Benzene, 1,2,4-tr...	12.82	36.6	ng	7851330	3	14.55	4293110	20.0
Diphenyl ether	13.61	36.7	ng	7875170	3	14.55	4293110	20.0
Benzene, 1-methyl...	15.00	112.2	ng	24087600	3	14.55	4293110	20.0
2,2'-Dimethylbiph...	15.07	42.1	ng	9036120	3	14.55	4293110	20.0
Methanone, (2-met...	16.23	216.7	ng	16252300	4	17.31	1500190	20.0
unknown16.26	16.26	41.4	ng	3102930	4	17.31	1500190	20.0
Methanone, (3-met...	16.79	359.0	ng	26926300	4	17.31	1500190	20.0
Benzene, 1,1'-(1,...	17.25	26.0	ng	1952100	4	17.31	1500190	20.0
Xanthone	17.92	50.1	ng	3755950	4	17.31	1500190	20.0
Ethylene, 1,1-dip...	18.17	24.1	ng	1809880	4	17.31	1500190	20.0
Anthrone	18.58	105.0	ng	7872280	4	17.31	1500190	20.0
9,10-Anthracenedione	18.76	282.9	ng	21218900	4	17.31	1500190	20.0
Naphthalene, 1,2,...	18.80	93.6	ng	7022990	4	17.31	1500190	20.0
2,2'-Dichlorostil...	19.11	21.3	ng	1595720	4	17.31	1500190	20.0
o,p'-DDE	19.28	22.8	ng	1711300	4	17.31	1500190	20.0