LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007846.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	368	374	383	rVB	358763	539473	4.82%	0.424%
2	7.087	638	646	655	rBV	163224	354884	3.17%	0.279%
3	7.516	713	719	726	rVB2	138722	227245	2.03%	0.179%
4	7.910	779	786	792	rBV	760792	1158136	10.35%	0.911%
5	8.175	823	831	842	rBV	1086674	1945098	17.39%	1.531%
6	9.004	966	972	977	rBV	175754	311864	2.79%	0.245%
7	9.069	977	983	994	rVV2	437066	909877	8.13%	0.716%
8	9.175	994	1001	1008	rVB2	266838	471440	4.21%	0.371%
9	9.946	1125	1132	1139	rBV5	54140	151284	1.35%	0.119%
10	10.016	1139	1144	1150	rVV	74160	122799	1.10%	0.097%
11	10.281	1184	1189	1198	rVB	81266	153890	1.38%	0.121%
12	10.416	1208	1212	1217	rVB	155915	225340	2.01%	0.177%
13	10.716	1256	1263	1273	rVB	919783	1710006	15.29%	1.346%
14	11.045	1311	1319	1323	rBV8	56404	159194	1.42%	0.125%
15	11.110	1325	1330	1339	rVB2	109819	286681	2.56%	0.226%
16	11.204	1342	1346	1351	rVV3	108115	173387	1.55%	0.136%
17	11.293	1358	1361	1369	rVB5	92995	175603	1.57%	0.138%
18	11.363	1369	1373	1379	rBV3	62533	120117	1.07%	0.095%
19	11.645	1415	1421	1428	rBV3	159786	404371	3.61%	0.318%
20	11.728	1430	1435	1440	rBV3	100287	208720	1.87%	0.164%
21	11.787	1441	1445	1449	rVV	126486	187583	1.68%	0.148%
22	11.881	1458	1461	1464	rBV2	93676	120394	1.08%	0.095%
23	11.969	1471	1476	1480	rBV	786032	1164551	10.41%	0.916%
24	12.110	1494	1500	1503	rBV5	220929	500956	4.48%	0.394%
25	12.263	1522	1526	1530	rVB2	216776	319880	2.86%	0.252%
26	12.328	1532	1537	1540	rBV3	307986	618356	5.53%	0.487%
27	12.510	1561	1568	1576	rBV3	296120	837769	7.49%	0.659%
28	12.881	1628	1631	1636	rVB3	493875	781537	6.99%	0.615%
29	12.934	1637	1640	1643	rBV2	190454	281133	2.51%	0.221%
30	12.992	1646	1650	1654	rBV3	857807	1418700	12.68%	1.116%
31	13.175	1677	1681	1685	rVB	1207868	1705453	15.25%	1.342%
32	13.469	1729	1731	1735	rVB	367799	375266	3.35%	0.295%
33	13.522	1736	1740	1743	rBV	381857	587978	5.26%	0.463%
34	13.604	1749	1754	1755	rBV	871711	1279253	11.44%	1.007%
35	13.722	1769	1774	1777	rBV2	556607	834794	7.46%	0.657%
36	14.034	1822	1827	1832	rBV3	759937	1445610	12.92%	1.138%

LSC Area Percent Report

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Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.334	1874	1878	1884	rBV3	486886	729244	6.52%	0.574%
38	14.551	1911	1915	1920	rVB	1356901	2001828	17.89%	1.575%
39	14.610	1921	1925	1931	rVV2	367037	668382	5.97%	0.526%
40	14.734	1943	1946	1950	rVB	584984	735121	6.57%	0.578%
41	14.975	1984	1987	1992	rBV4	436154	658910	5.89%	0.518%
42	15.522	2074	2080	2085	rVB2	1762952	3200701	28.61%	2.519%
43	15.604	2091	2094	2105	rVB3	1622765	3267393	29.21%	2.571%
44	15.839	2129	2134	2137	rBV2	2060424	4047408	36.18%	3.185%
45	15.910	2142	2146	2149	rBV3	1848032	2567831	22.95%	2.021%
46	15.986	2154	2159	2163	rVV	2277831	3753552	33.55%	2.954%
47	16.028	2163	2166	2172	rVV2	1871526	3551555	31.75%	2.795%
48	16.098	2175	2178	2182	rVB	1545635	2075830	18.56%	1.633%
49	16.198	2191	2195	2199	rBV	4113767	5065276	45.28%	3.986%
50	16.269	2204	2207	2212	rVB	1471297	2272041	20.31%	1.788%
51	16.363	2219	2223	2226	rVB	2873900	3381333	30.23%	2.661%
52	16.475	2237	2242	2250	rVB	4267109	7126621	63.71%	5.608%
53	16.551	2251	2255	2258	rBV2	1684538	2592438	23.17%	2.040%
54	16.969	2323	2326	2333	rVB2	1713478	2851455	25.49%	2.244%
55	17.075	2340	2344	2351	rBV	2396199	5404829	48.32%	4.253%
56	17.228	2365	2370	2371	rBV2	2627753	3921595	35.06%	3.086%
57	17.316	2382	2385	2387	rBV2	1078206	1208156	10.80%	0.951%
58	17.345	2387	2390	2396	rVB2	1804054	2839081	25.38%	2.234%
59	17.404	2396	2400	2407	rVB2	2146610	3369157	30.12%	2.651%
60	17.469	2407	2411	2418	rBV5	1386415	3409774	30.48%	2.683%
61	17.528	2418	2421	2423	rBV2	1229999	1611434	14.41%	1.268%
62	17.639	2436	2440	2446	rBV3	1402601	3077316	27.51%	2.421%
63	17.710	2448	2452	2457	rBV2	3296249	5805017	51.89%	4.568%
64	17.863	2471	2478	2484	rBV	4649469	11186584	100.00%	8.802%
65	17.980	2495	2498	2500	rBV	2100762	2592611	23.18%	2.040%
66	18.010	2500	2503	2506	rVB	3055430	3654533	32.67%	2.876%
67	18.092	2514	2517	2520	rBV	1955565	2261453	20.22%	1.779%
68	18.127	2520	2523	2525	rBV2	1296017	1752728	15.67%	1.379%
69	19.874	2817	2820	2823	rBV	1909041	2174612	19.44%	1.711%

Sum of corrected areas: 127084421

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Acq On : 04 Nov 2021 14:05
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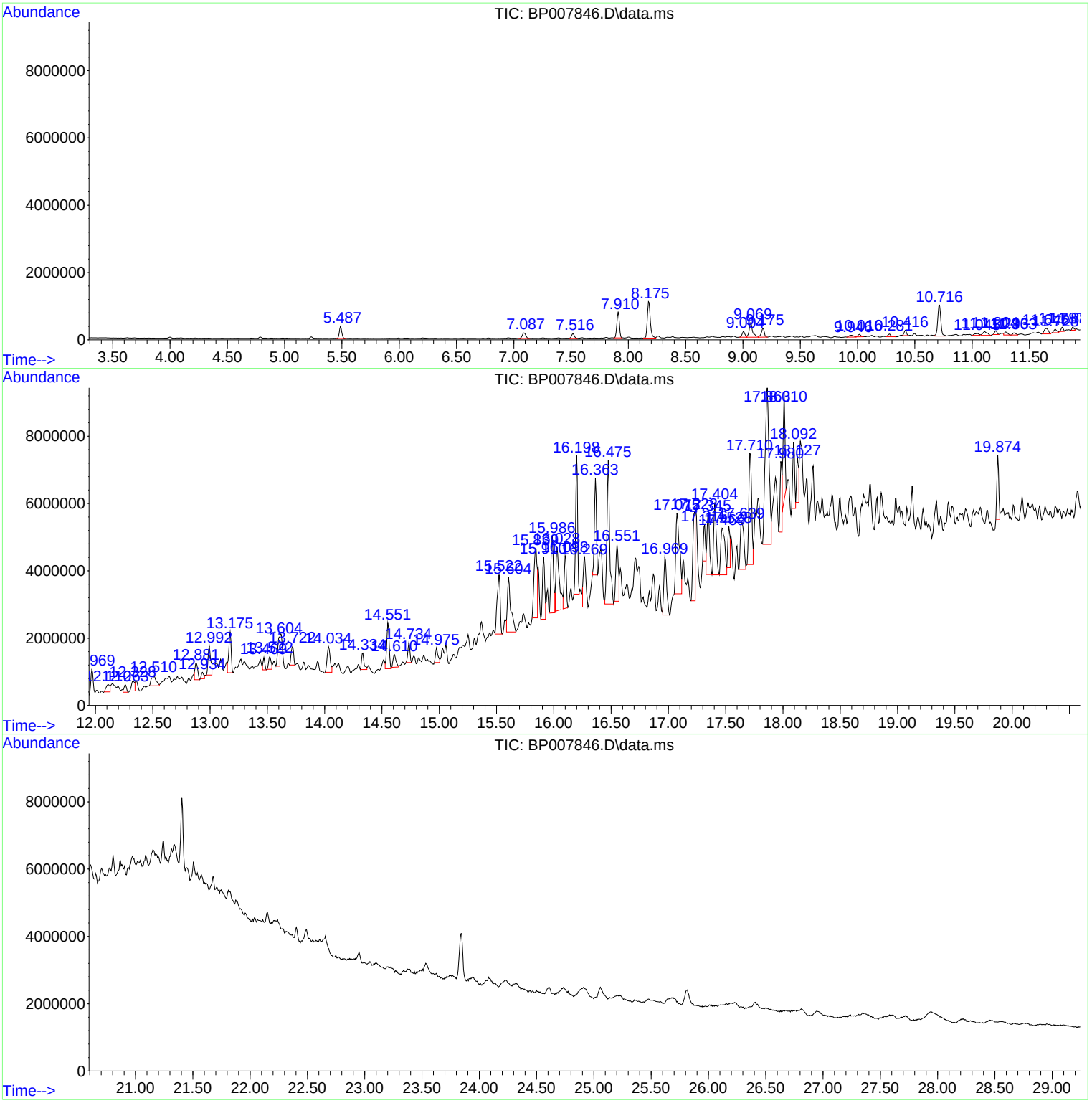
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

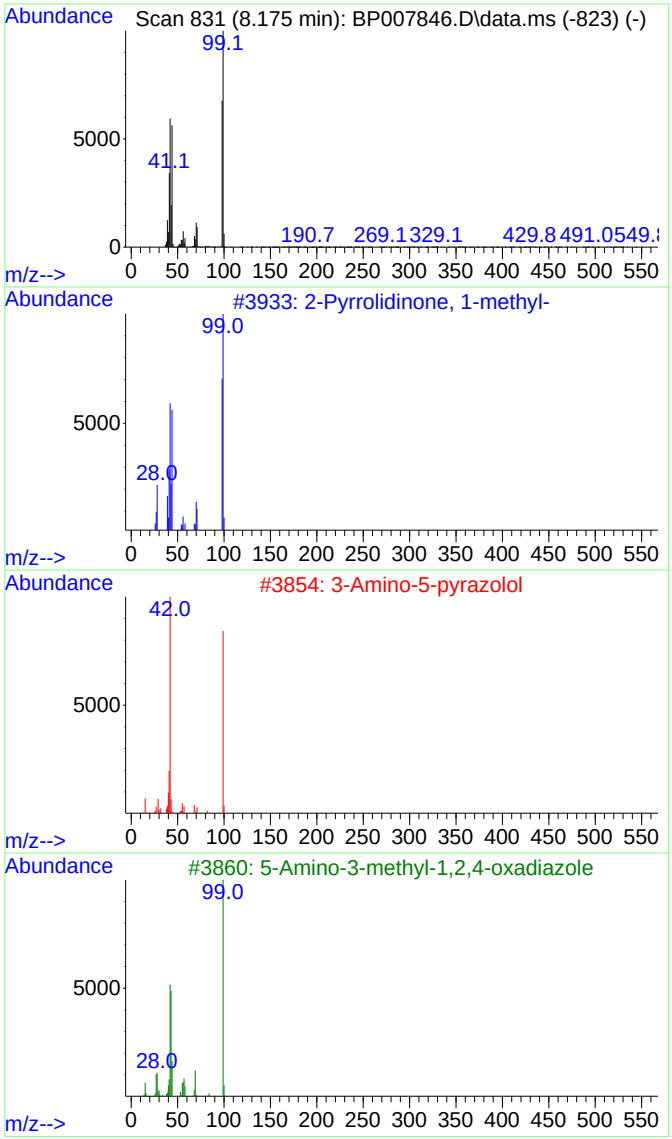
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

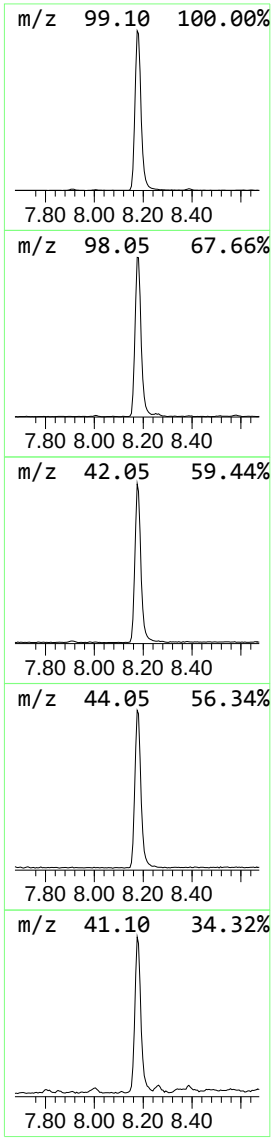
****

Peak Number 1 2-Pyrrolidinone, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	33.59 ng	1945100	1,4-Dichlorobenzene-d4	7.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	95
2	3-Amino-5-pyrazolol	99	C3H5N3O	006126-22-3	43
3	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	43
4	2-Piperidinone	99	C5H9NO	000675-20-7	37
5	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

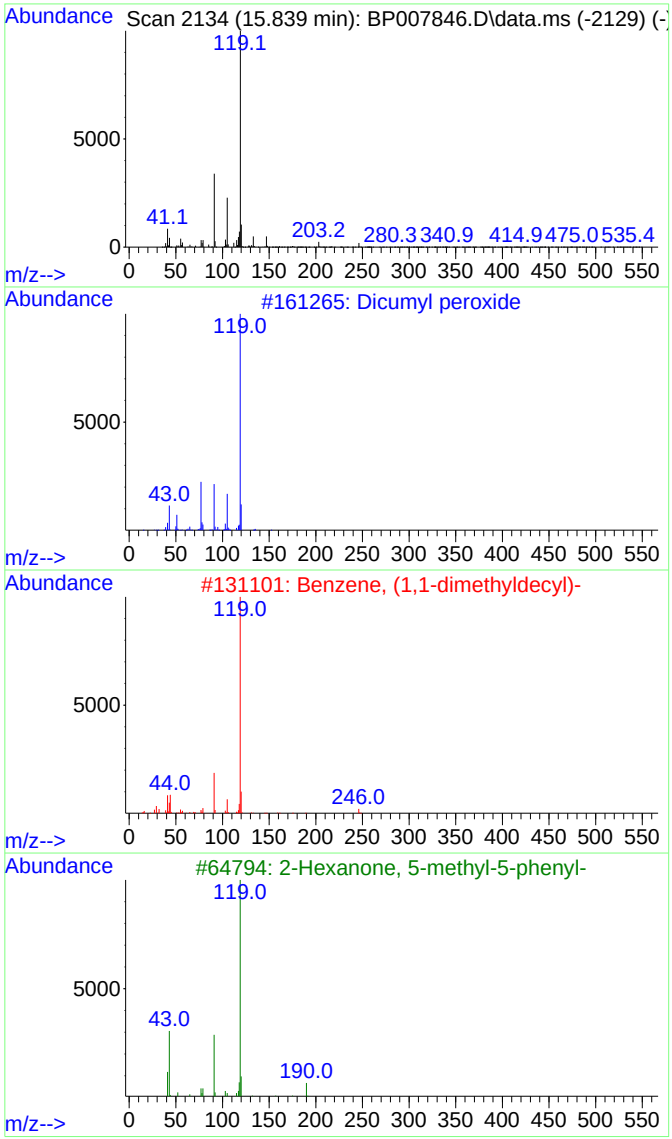
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

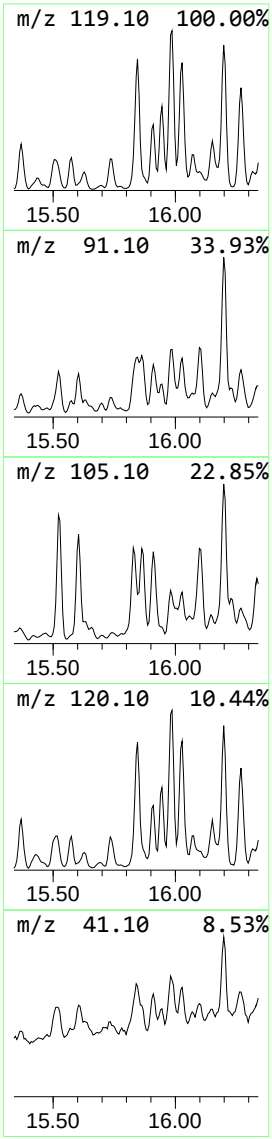
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Hexanone, 5-methyl-5-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	40.44 ng	4047410	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicumyl peroxide	270	C18H22O2	000080-43-3	72
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
3	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	59
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
5	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	59





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Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

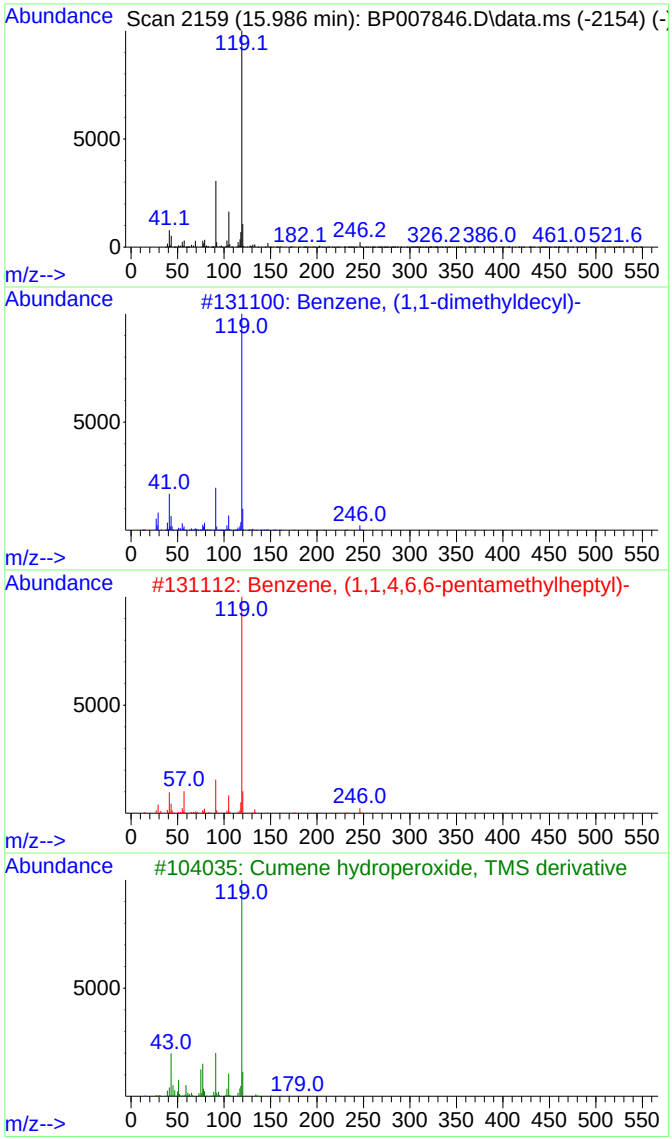
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

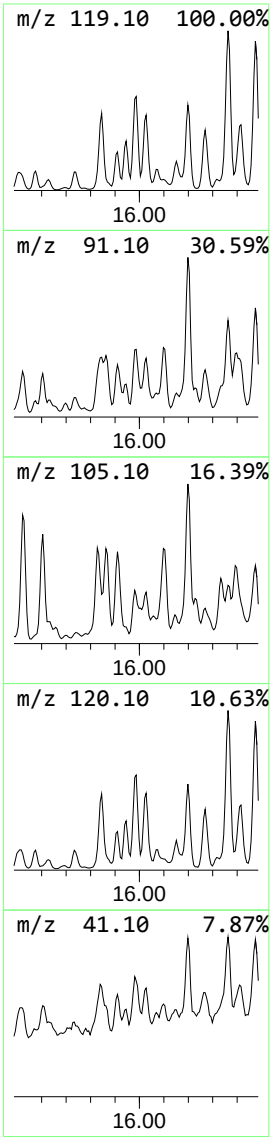
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cumene hydroperoxide, TMS d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	62.14 ng	3753550	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	90
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	87
3	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	78
4	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	72
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72





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Instrument :
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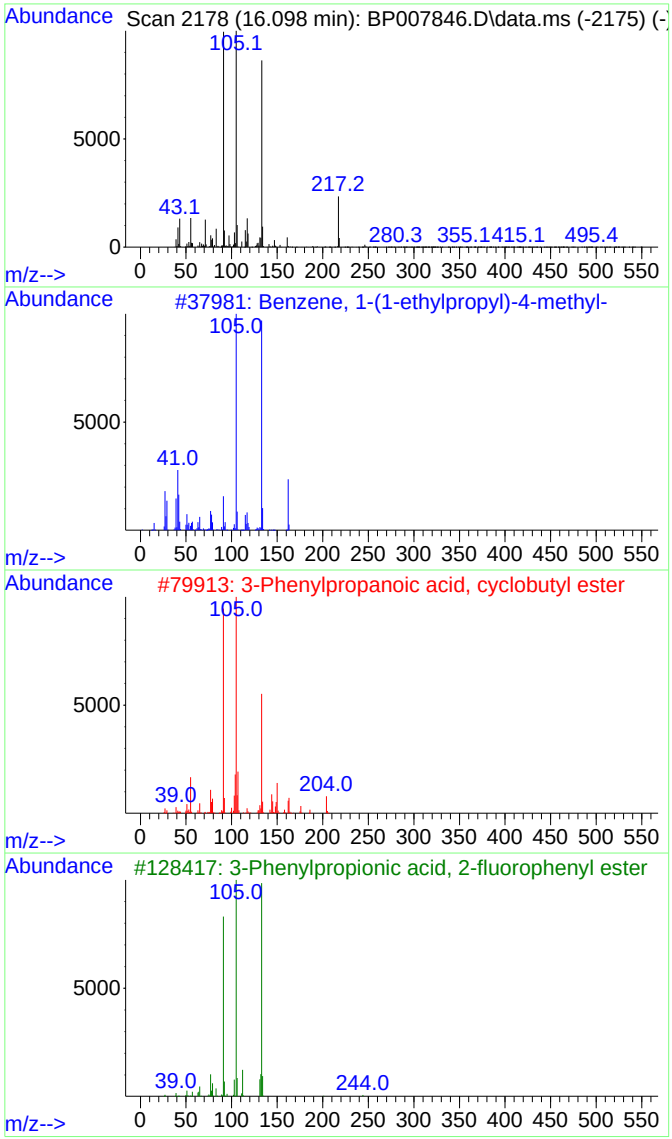
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

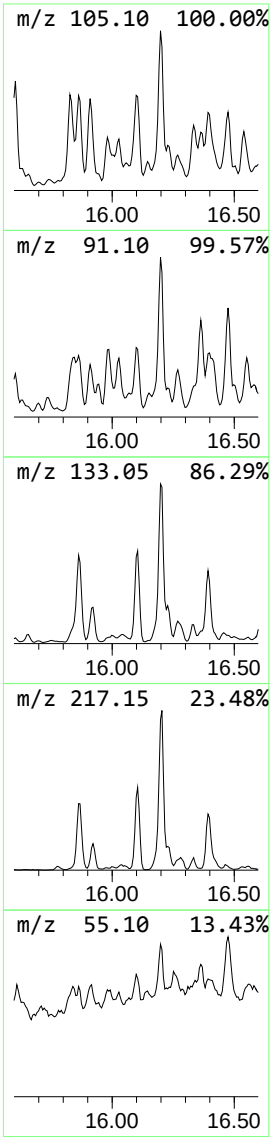
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-(1-ethylpropyl)-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	34.36 ng	2075830	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-ethylpropyl)-4-met...	162	C12H18	022975-58-2	59
2	3-Phenylpropanoic acid, cyclobut...	204	C13H16O2	1000282-93-3	59
3	3-Phenylpropionic acid, 2-fluoro...	244	C15H13FO2	1000325-75-9	59
4	1H-Benzotriazole, 1-methyl-	133	C7H7N3	013351-73-0	50
5	2-Aminoindane	133	C9H11N	002975-41-9	50





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Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

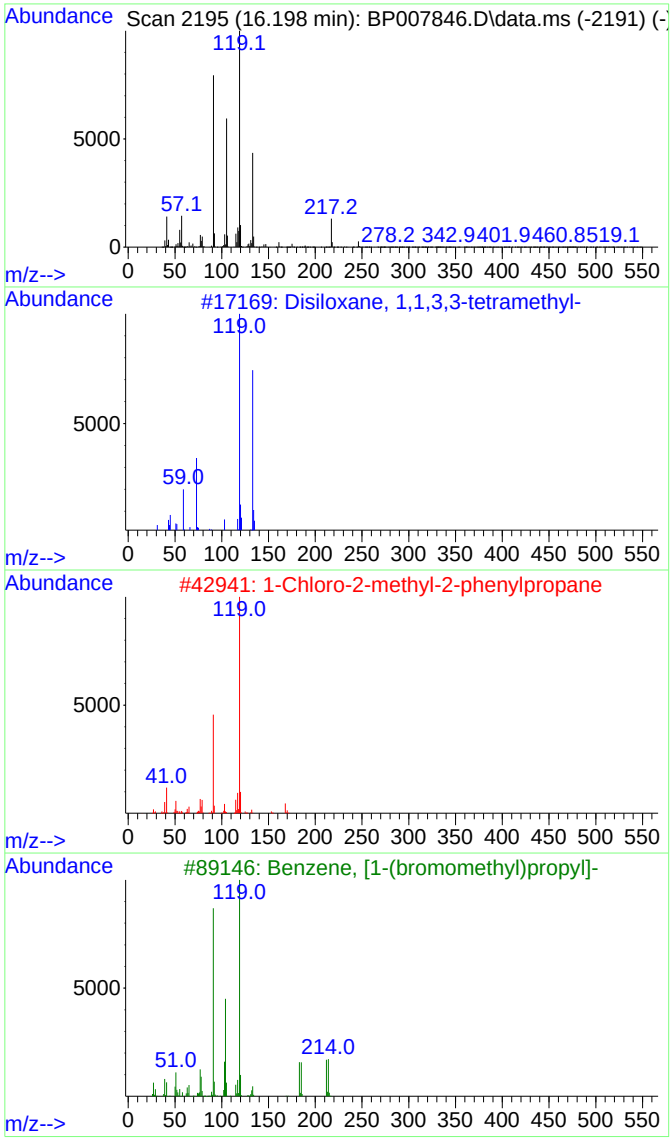
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

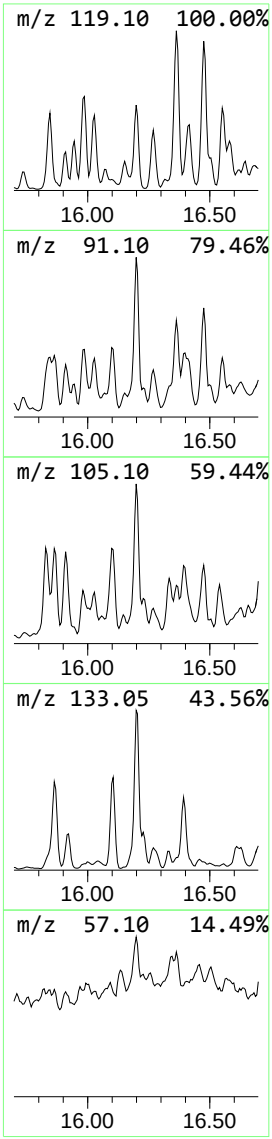
****

Peak Number 5 Disiloxane, 1,1,3,3-tetrame... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	83.85 ng	5065280	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	59
2	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	50
3	Benzene, [1-(bromomethyl)propyl]-	212	C10H13Br	034599-51-4	50
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

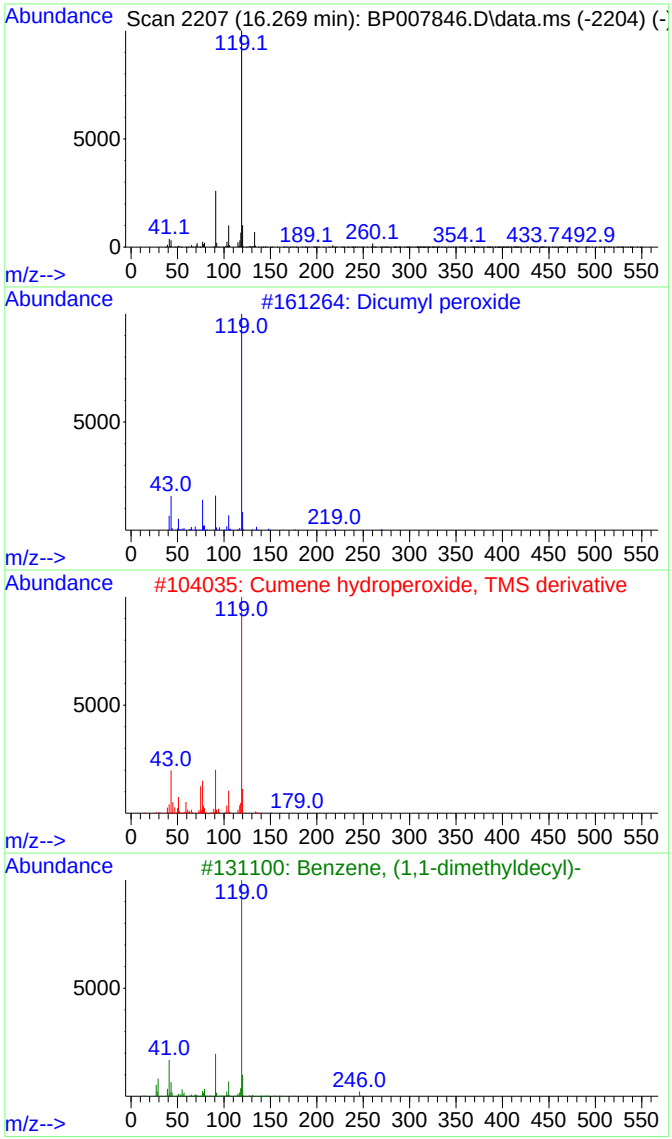
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

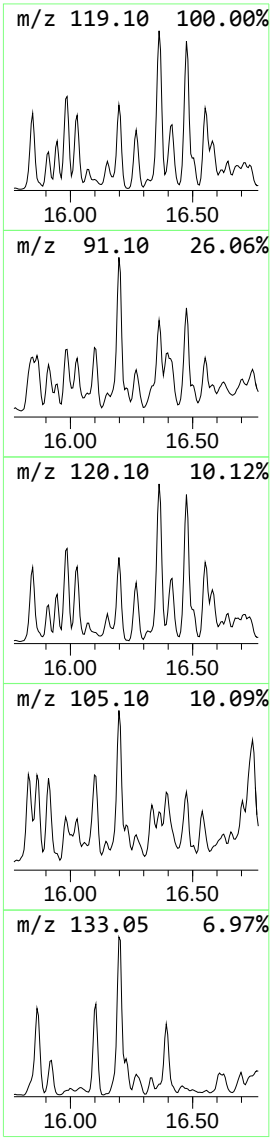
****

Peak Number 6 Dicumyl peroxide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	37.61 ng	2272040	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicumyl peroxide	270	C18H22O2	000080-43-3	80
2	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	78
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

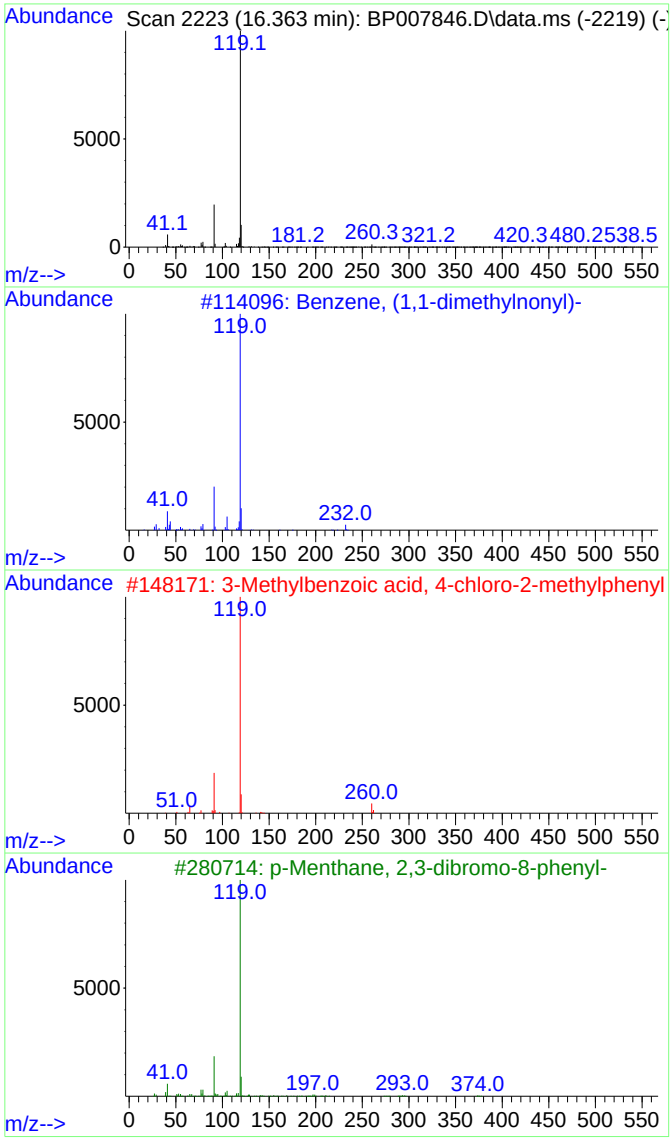
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

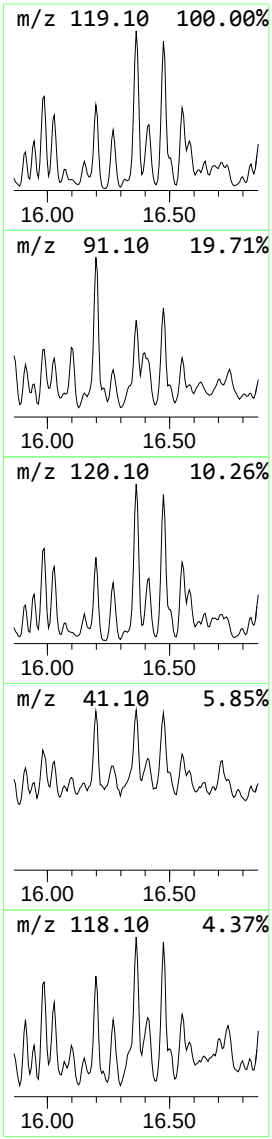
****

Peak Number 7 Benzene, (1,1-dimethylnonyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.363	55.98 ng	3381330	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	83
2	3-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-26-6	78
3	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	78
4	Dicumyl peroxide	270	C18H22O2	000080-43-3	78
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78





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Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

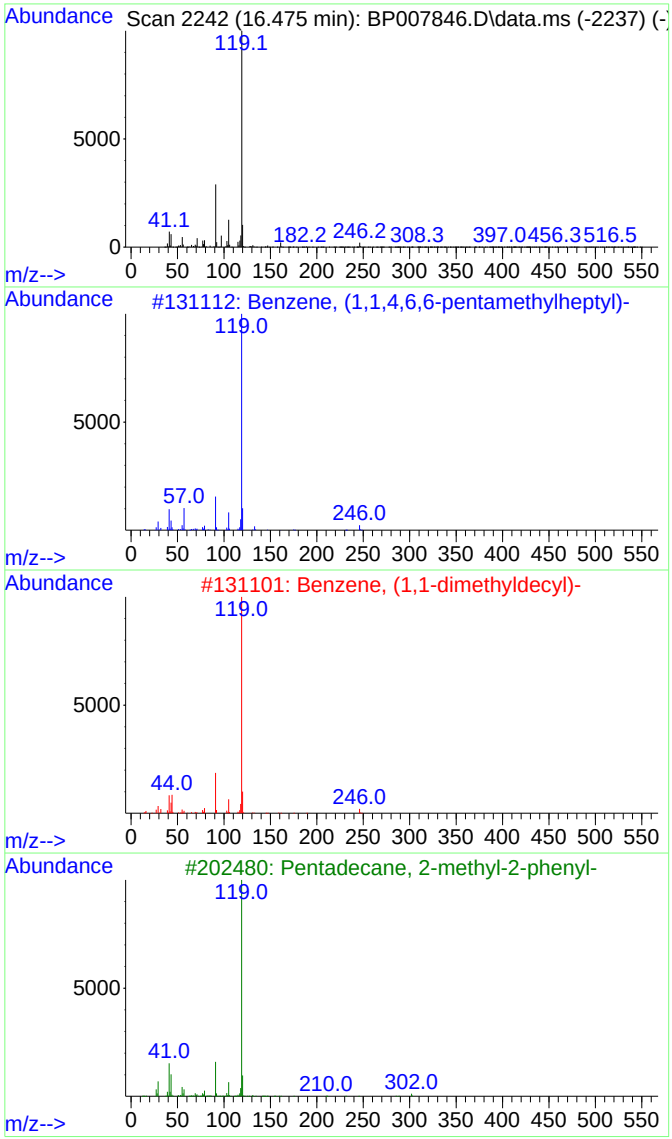
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

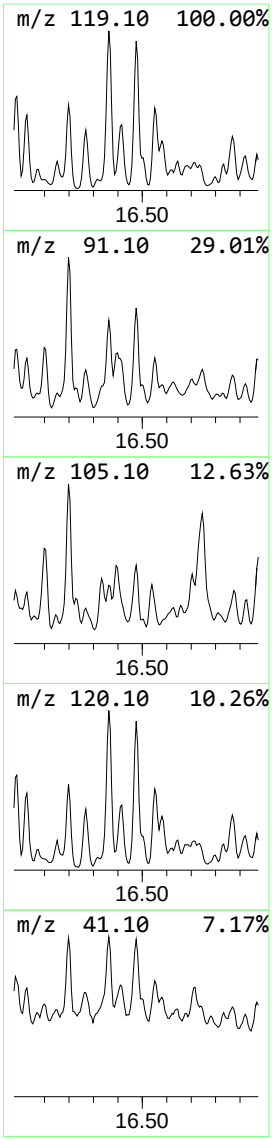
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,1,4,6,6-pentame... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.475	117.97 ng	7126620	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	86
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	80
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
4	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	72
5	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	64





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Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

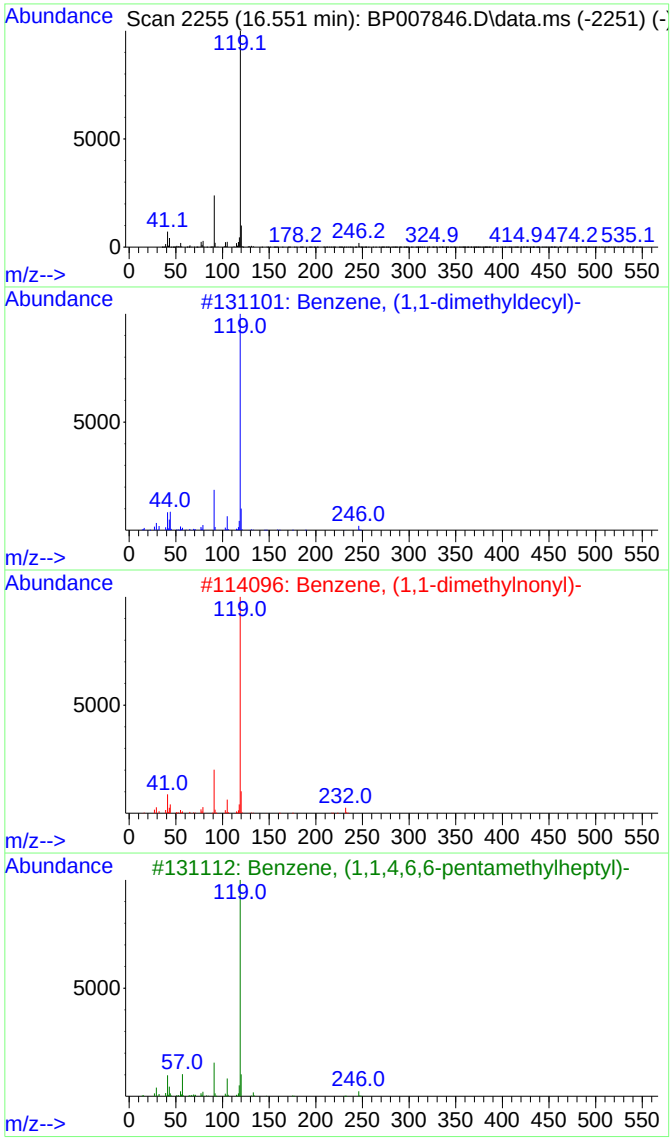
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

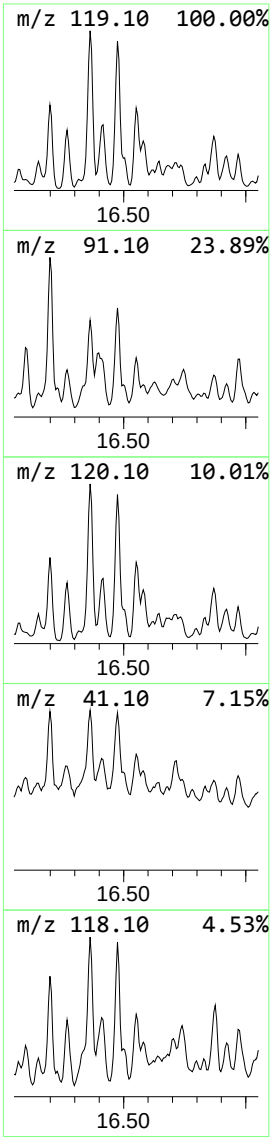
****

Peak Number 9 Benzene, (1,1-dimethyldecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	42.92 ng	2592440	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	91
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	91
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	90
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
5	m-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-56-6	80





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Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

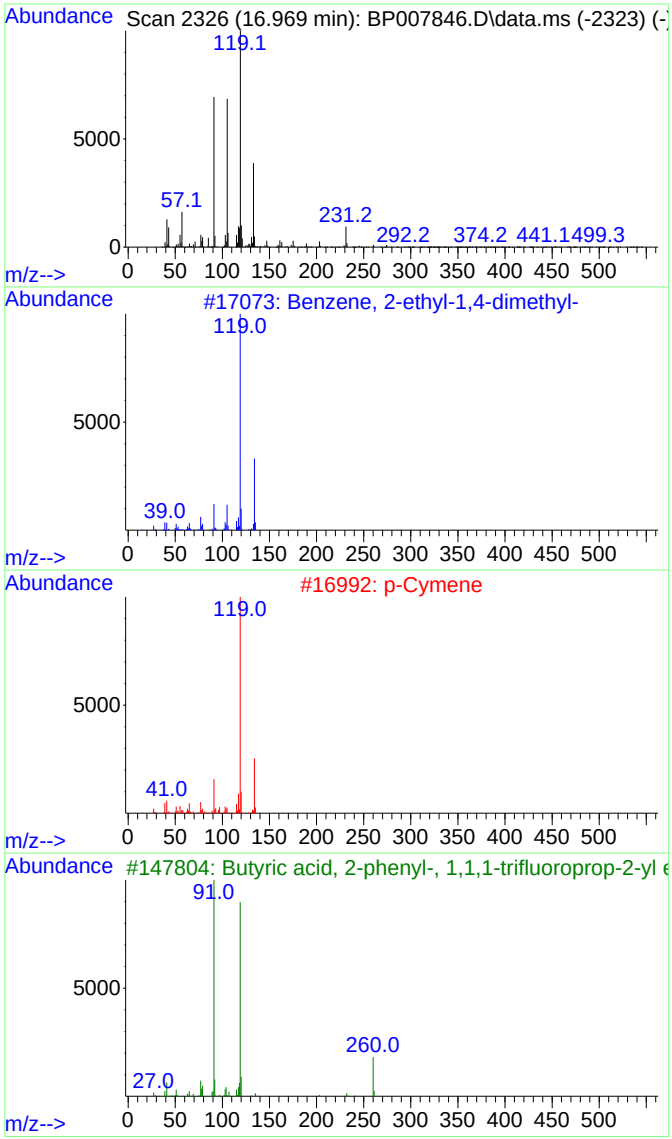
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

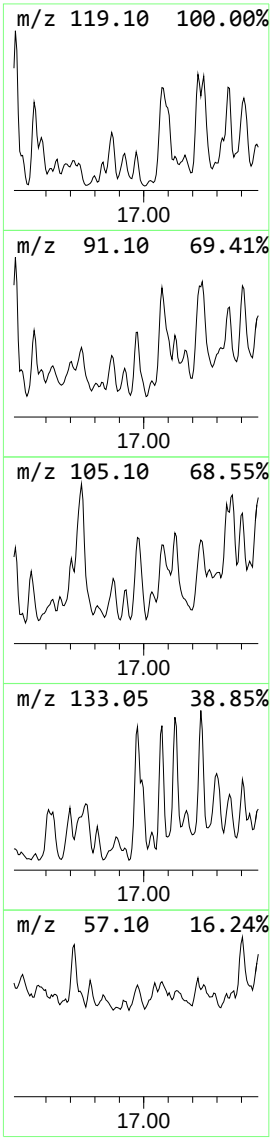
****

Peak Number 10 unknown16.969 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.969	47.20 ng	2851460	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
2	p-Cymene	134	C10H14	000099-87-6	49
3	Butyric acid, 2-phenyl-, 1,1,1-t...	260	C13H15F3O2	1000406-85-1	49
4	Diglycolic acid, 2-acetylphenyl ...	322	C17H22O6	1000382-72-0	47
5	Diglycolic acid, 2-acetylphenyl ...	308	C16H20O6	1000382-71-9	47





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Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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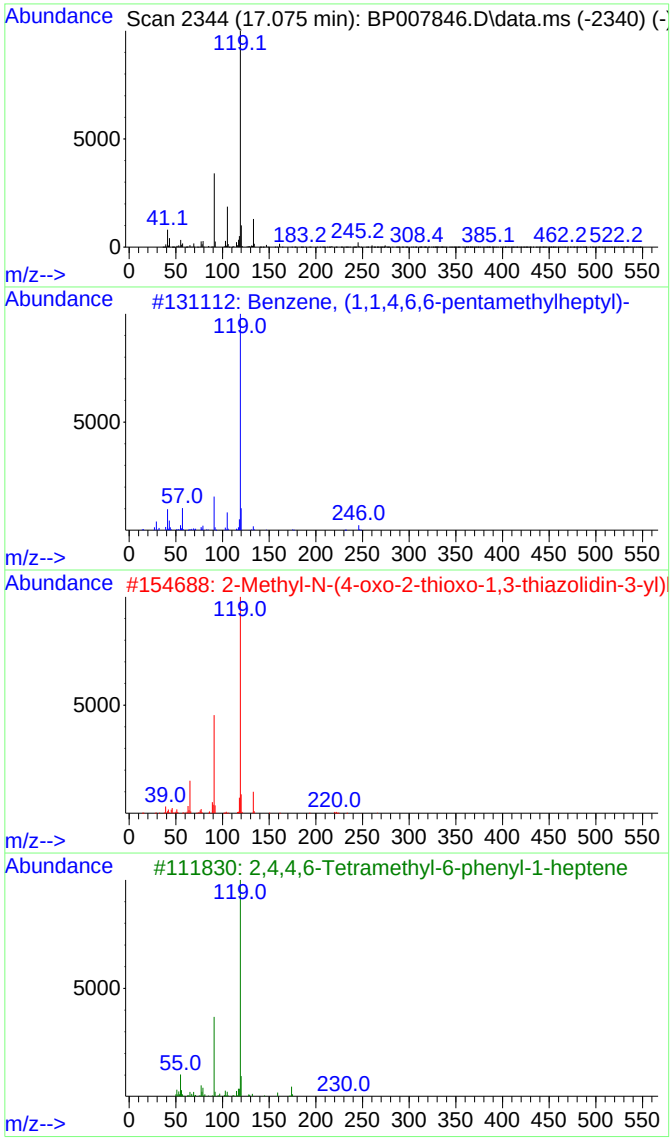
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

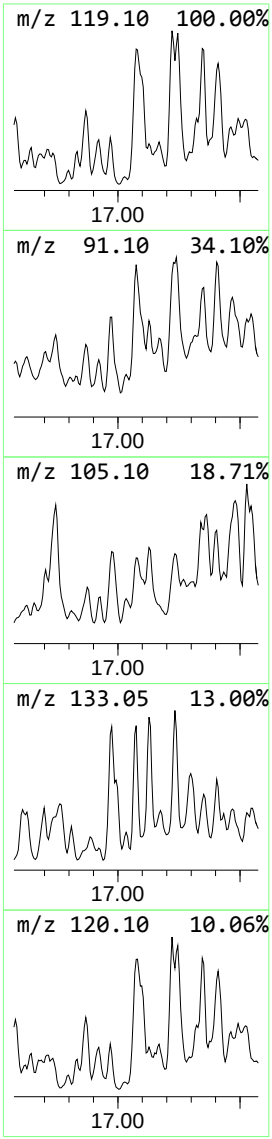
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4,4,6-Tetramethyl-6-pheny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.075	89.47 ng	5404830	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
2	2-Methyl-N-(4-oxo-2-thioxo-1,3-t...	266	C11H10N2O2S2	1000486-65-0	64
3	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	59
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59





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Sample : M4438-05 5X
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

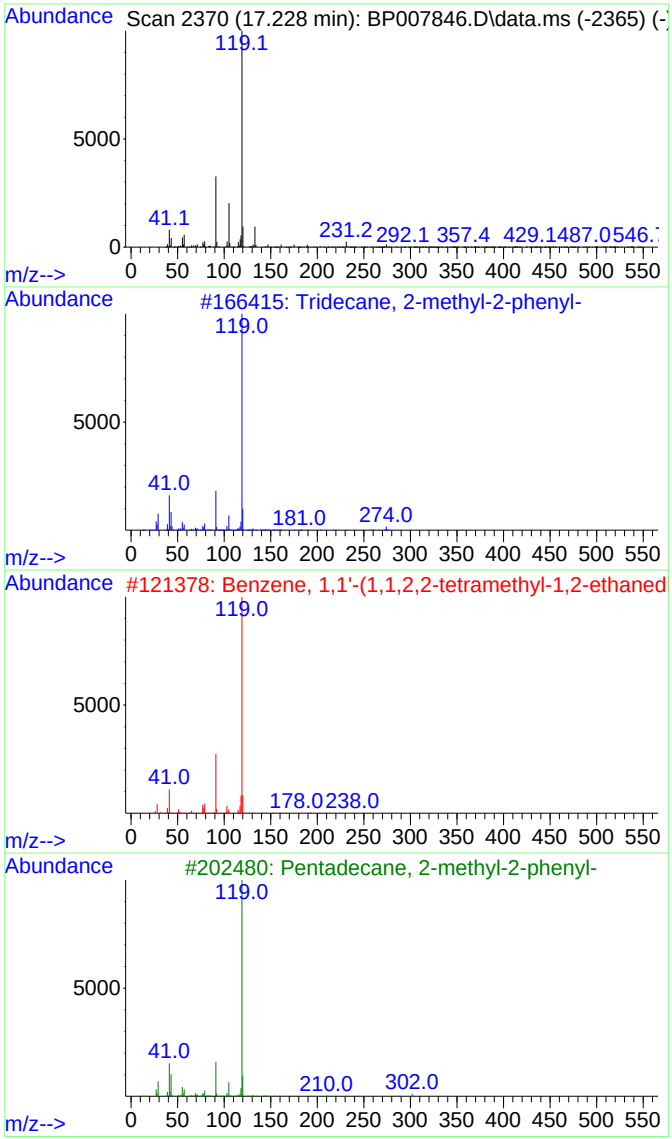
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

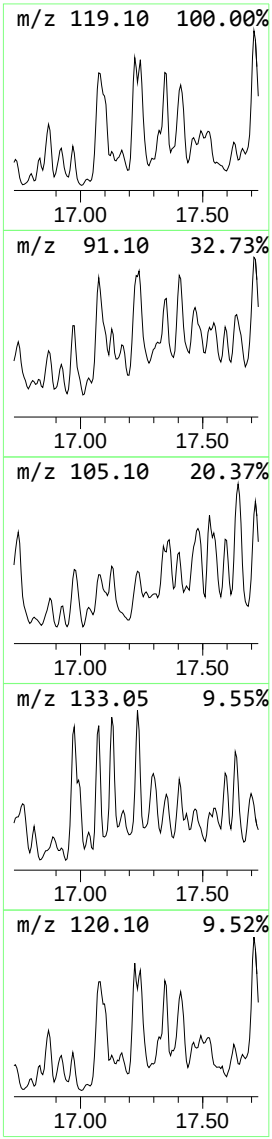
****

Peak Number 12 Tridecane, 2-methyl-2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.227	64.92 ng	3921600	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	76
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	53
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53
4	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	53
5	Cyclohexanone, 5-methyl-2-(1-met...	230	C16H22O	097275-48-4	53





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Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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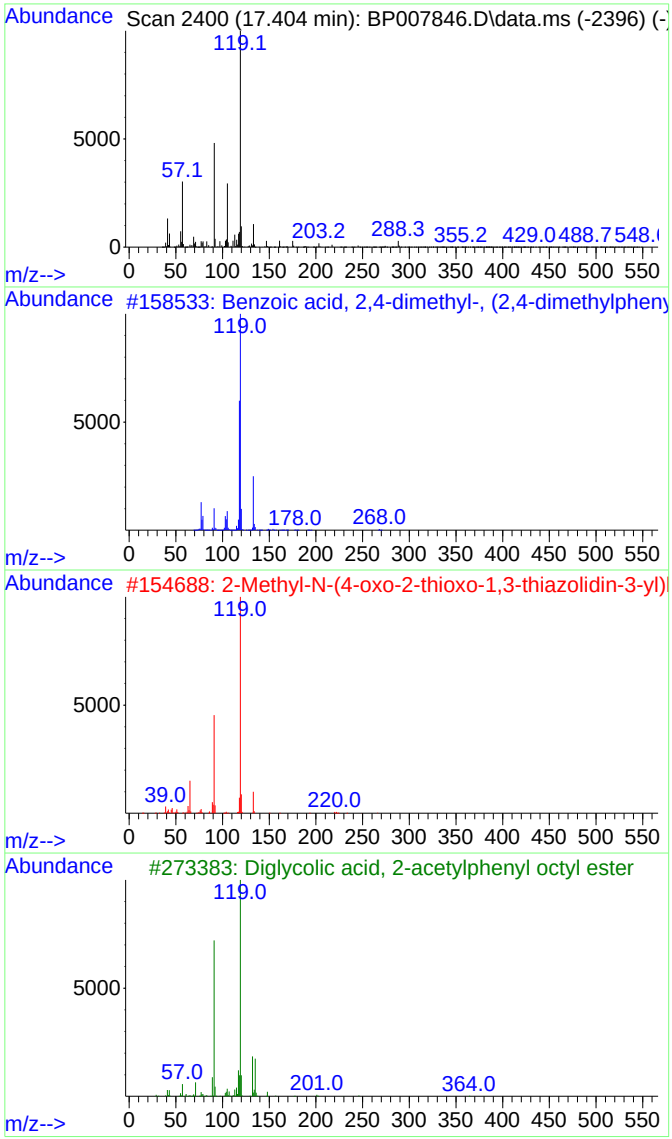
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

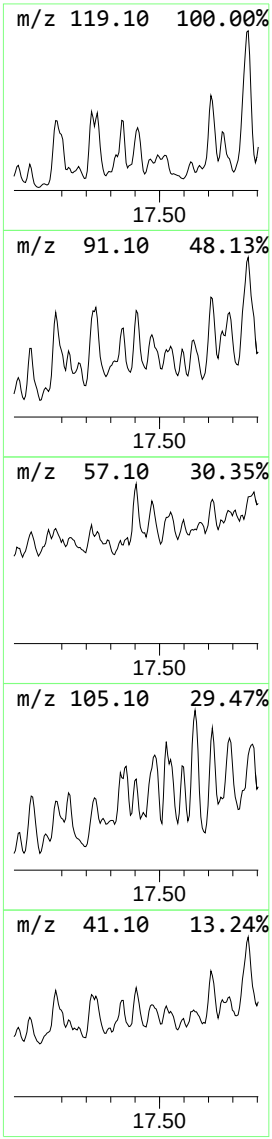
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzoic acid, 2,4-dimethyl-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	55.77 ng	3369160	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	64
2	2-Methyl-N-(4-oxo-2-thioxo-1,3-t...	266	C11H10N2O2S2	1000486-65-0	59
3	Diglycolic acid, 2-acetylphenyl ...	364	C20H28O6	1000382-72-4	59
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	58





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Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

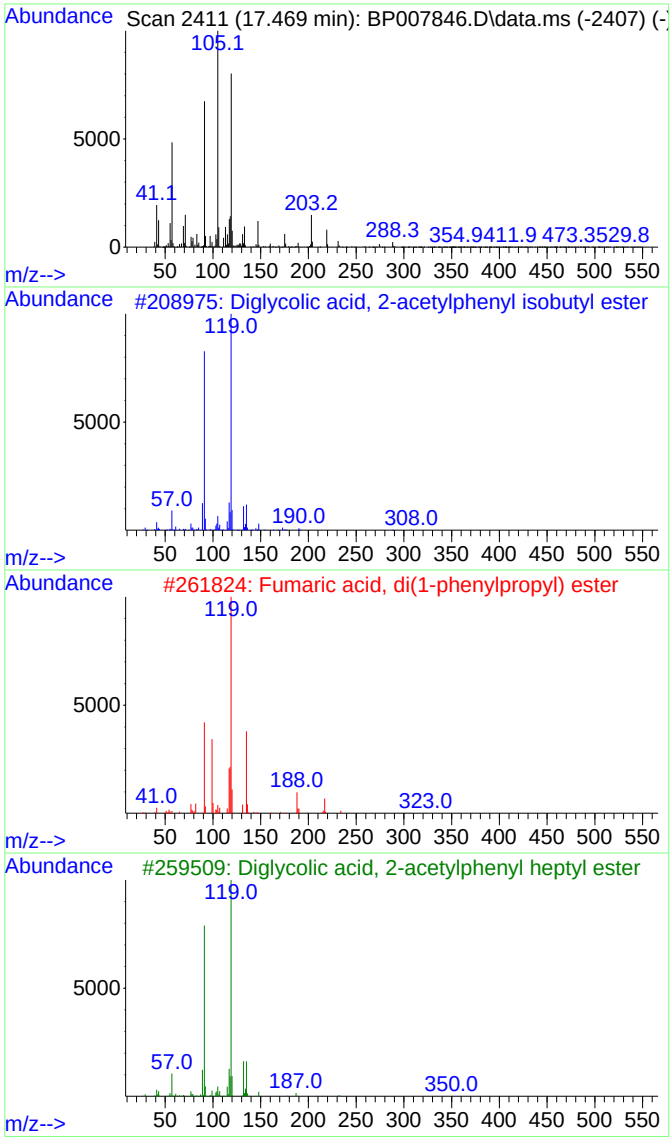
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

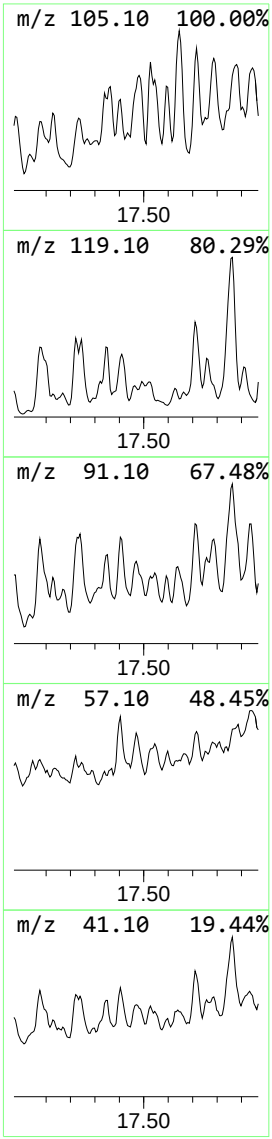
****

Peak Number 14 unknown17.469 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.469	56.45 ng	3409770	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diglycolic acid, 2-acetylphenyl ...	308	C16H20O6	1000382-71-8	49
2	Fumaric acid, di(1-phenylpropyl)...	352	C22H24O4	1010344-96-6	47
3	Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	47
4	Diglycolic acid, 2-acetylphenyl ...	420	C24H36O6	1010382-72-8	47
5	Butyric acid, 2-phenyl-, 2,3-dic...	308	C16H14Cl2O2	1000406-86-5	47





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Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

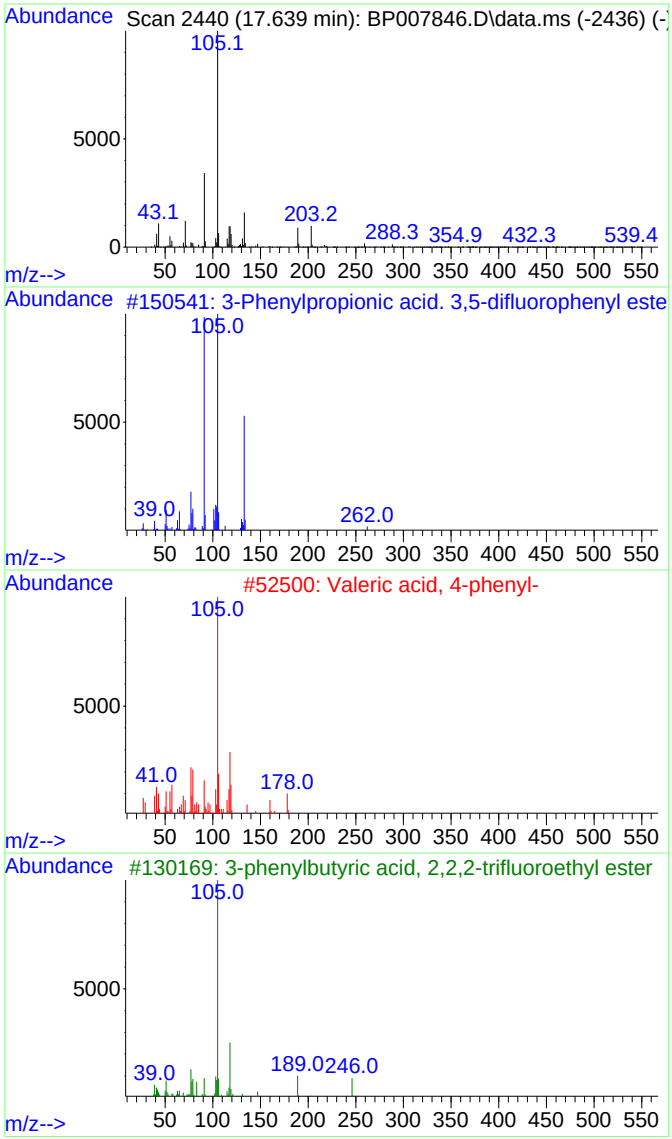
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

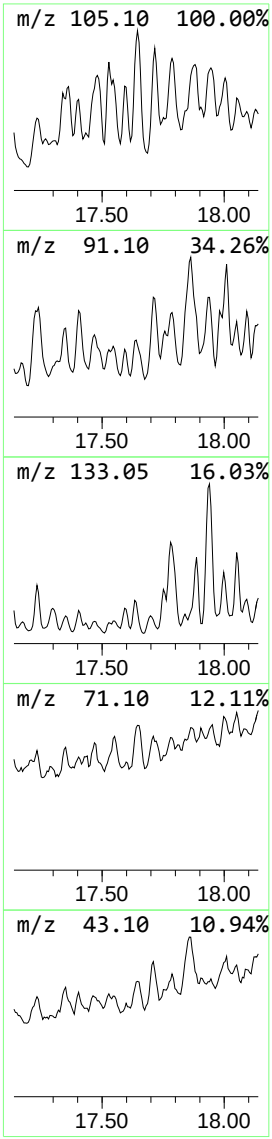
****

Peak Number 15 unknown17.639 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.639	50.94 ng	3077320	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylpropionic acid. 3,5-difl...	262	C15H12F2O2	1000299-02-0	35
2	Valeric acid, 4-phenyl-	178	C11H14O2	016433-43-5	25
3	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	23
4	4-Chloro-2-nitrophenyl-.beta.-ph...	305	C15H12ClNO4	040123-54-4	17
5	4-Piperidinone, 1-benzoyl-	203	C12H13NO2	024686-78-0	16





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ALS Vial : 6 Sample Multiplier: 1

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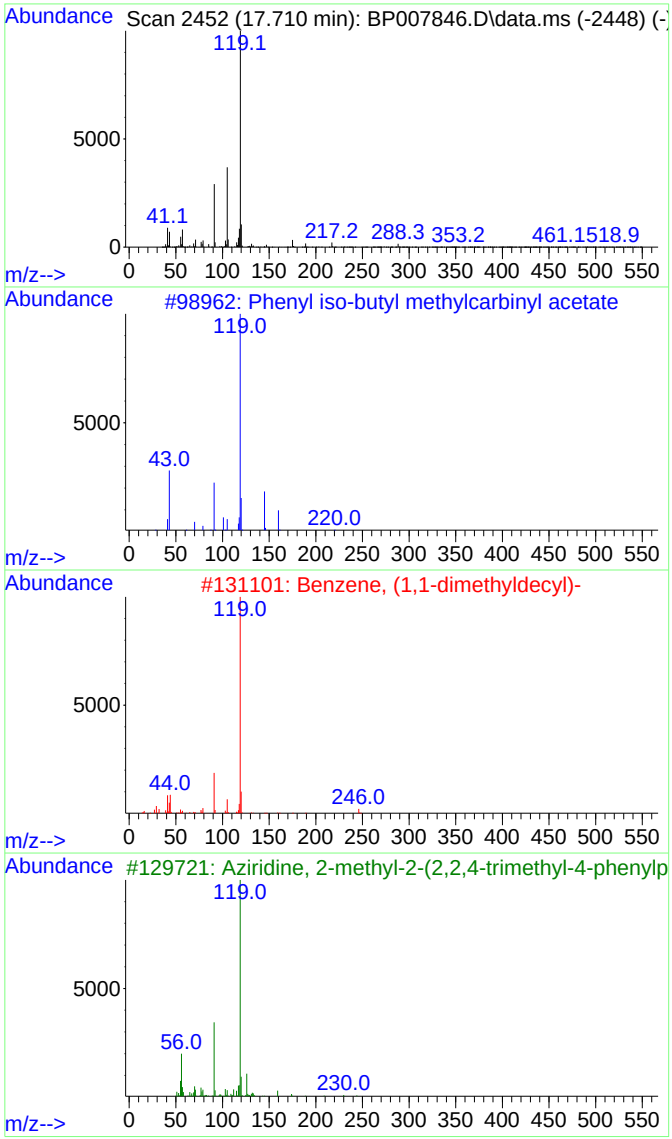
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

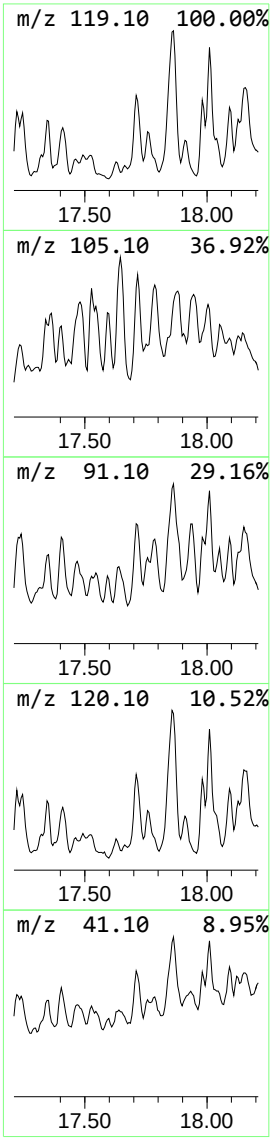
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenyl iso-butyl methylcarb... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.710	96.10 ng	5805020	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	59
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
3	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	59
4	p-Toluylamide, N-(2-phenylethyl)...	379	C26H37NO	1000451-69-4	59
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	59





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Instrument :
BNA_P
ClientSampleId :
D20211101

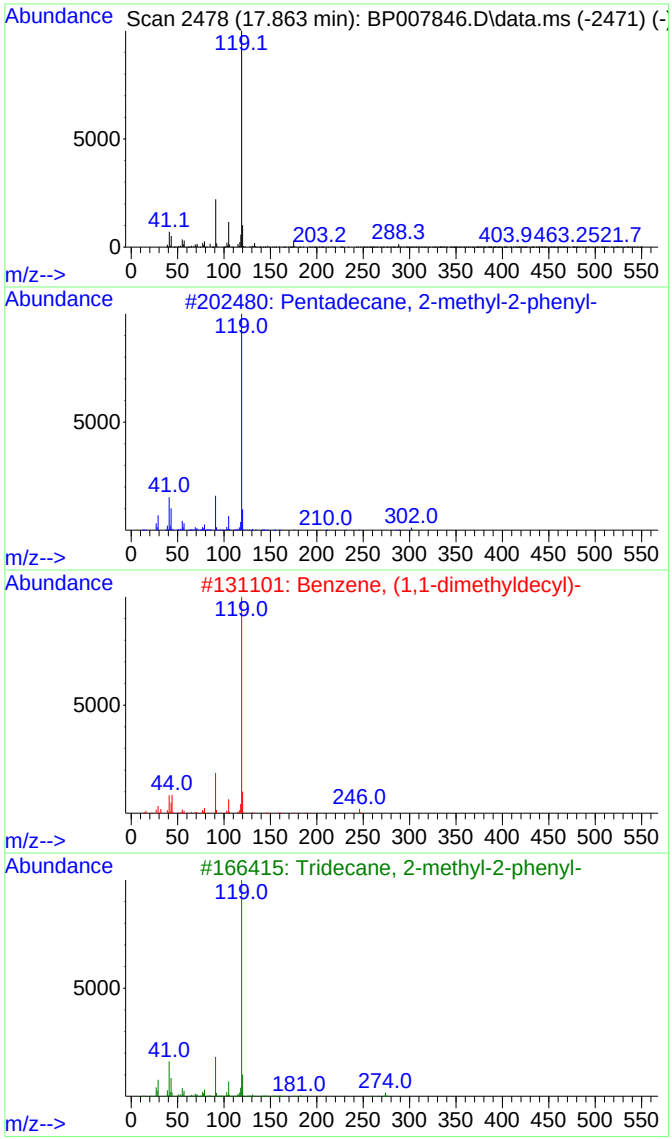
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

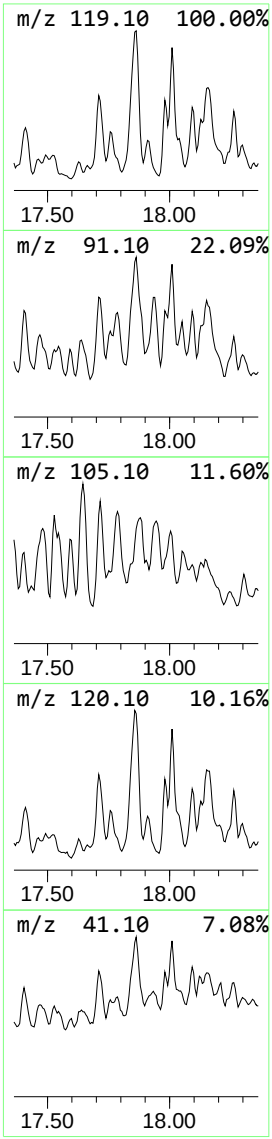
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pentadecane, 2-methyl-2-phe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	185.18 ng	11186600	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	86
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72





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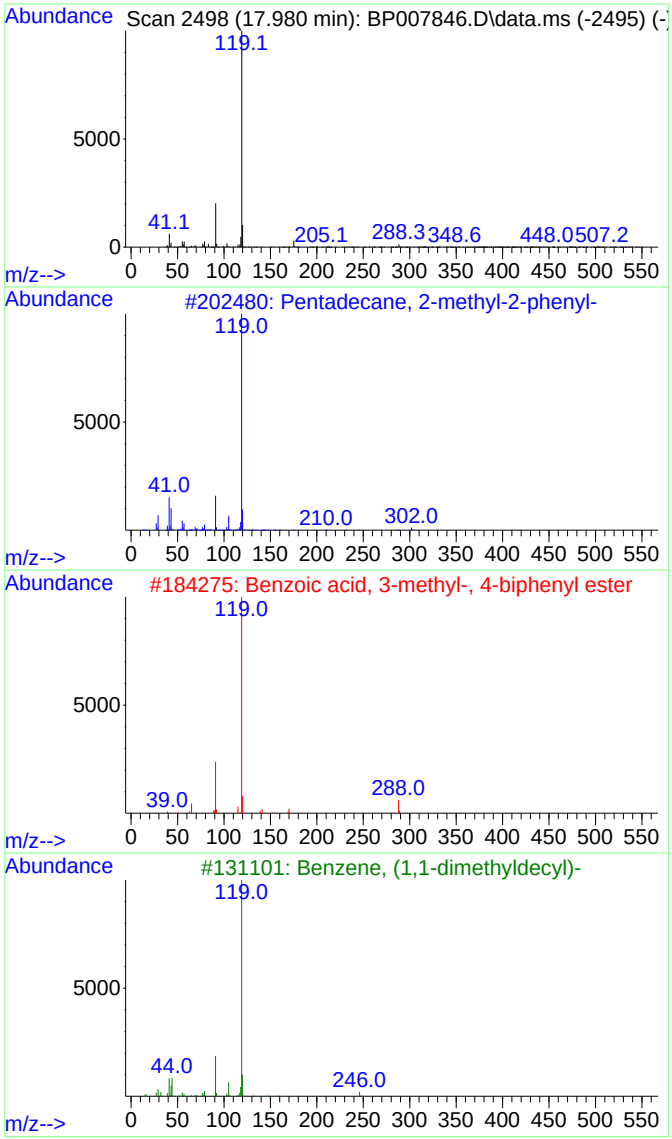
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

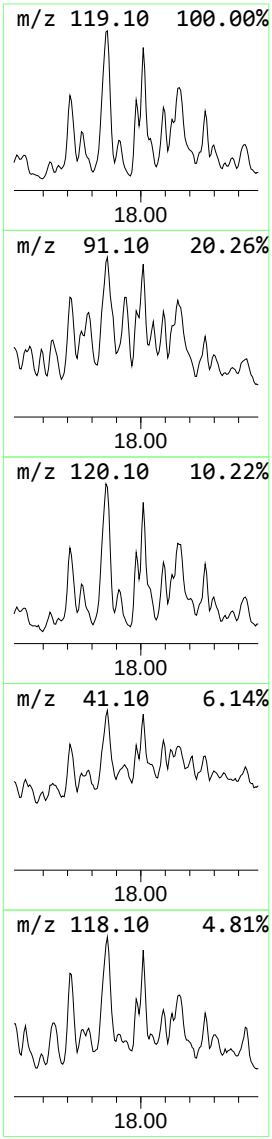
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzoic acid, 3-methyl-, 4-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	42.92 ng	2592610	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
2	Benzoic acid, 3-methyl-, 4-biphe...	288	C20H16O2	1000355-71-6	78
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

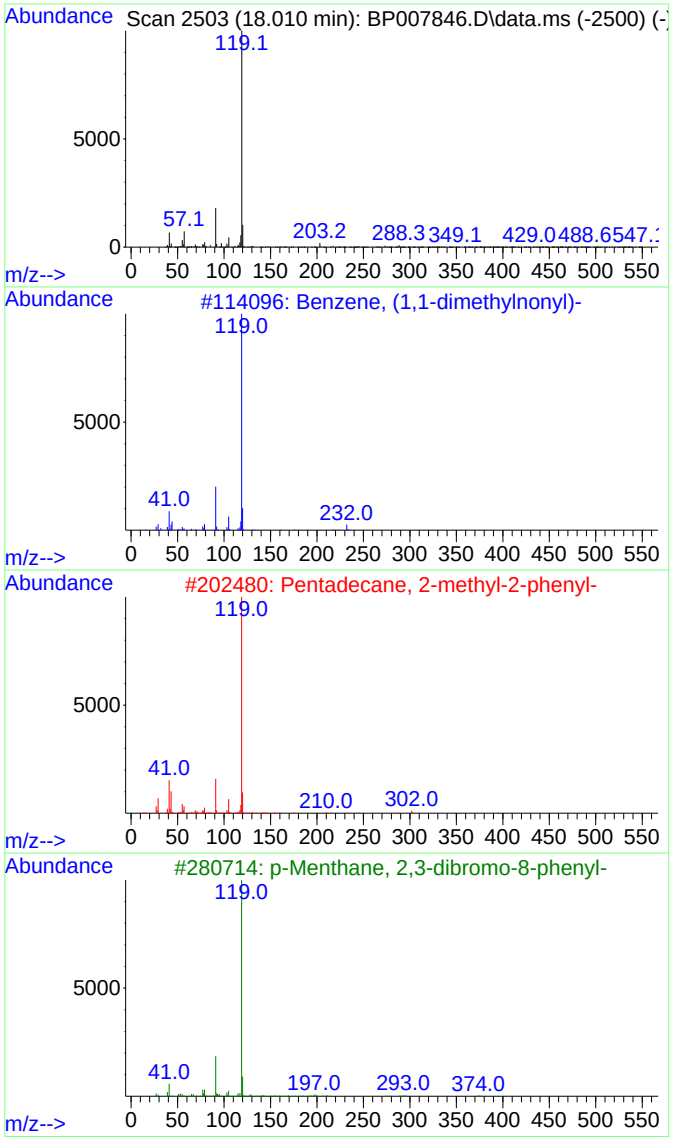
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

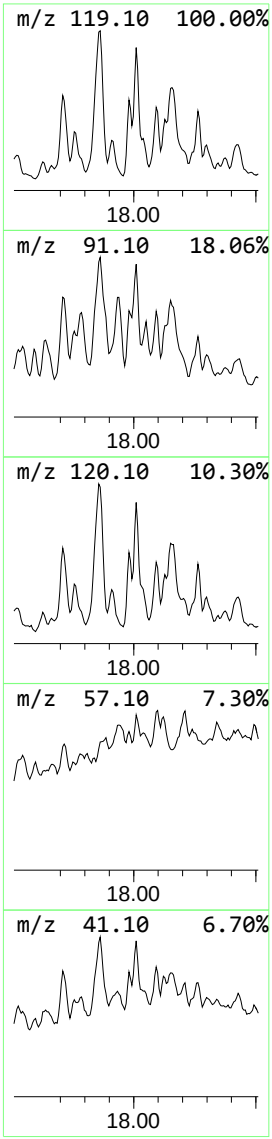
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 p-Menthane, 2,3-dibromo-8-p... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	60.50 ng	3654530	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
3	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	72
4	Benzoic acid, 3-methyl-, 4-biphe...	288	C20H16O2	1000355-71-6	64
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

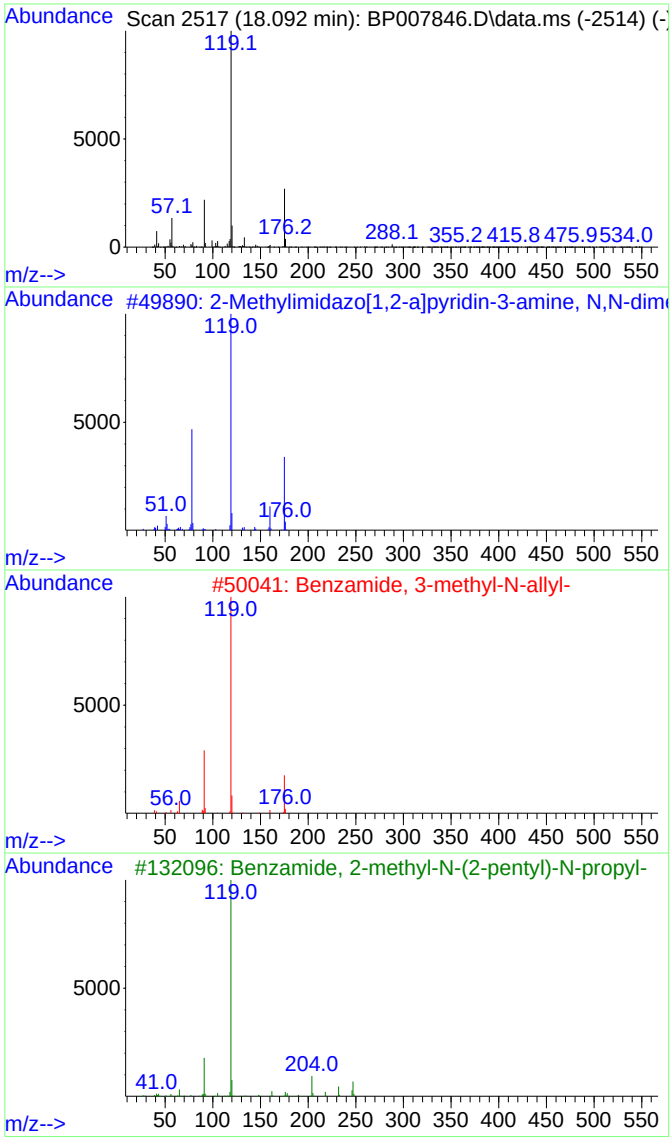
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

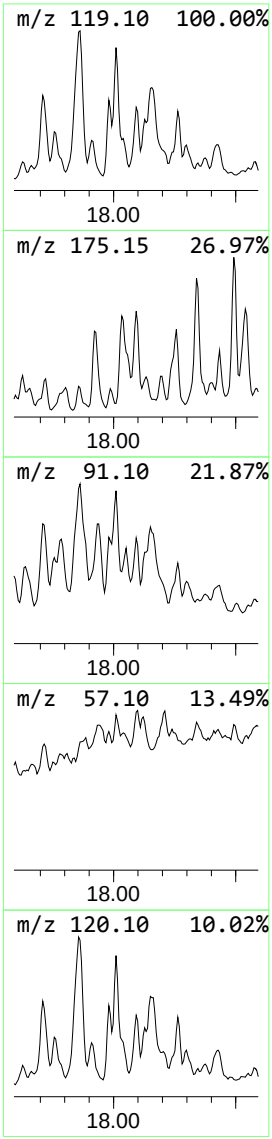
****

Peak Number 20 2-Methylimidazo[1,2-a]pyrid... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	37.44 ng	2261450	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylimidazo[1,2-a]pyridin-3-...	175	C10H13N3	1010508-70-2	80
2	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	64
3	Benzamide, 2-methyl-N-(2-pentyl)...	247	C16H25NO	1000490-61-1	53
4	2-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-28-5	53
5	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007846.D
Acq On : 04 Nov 2021 14:05
Operator : CG/JU
Sample : M4438-05 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D20211101

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pyrrolidinone...	8.175	33.6	ng	1945100	1	7.910	1158140	20.0
2-Hexanone, 5-m...	15.839	40.4	ng	4047410	3	14.551	2001830	20.0
Cumene hydroper...	15.986	62.1	ng	3753550	4	17.310	1208160	20.0
Benzene, 1-(1-e...	16.098	34.4	ng	2075830	4	17.310	1208160	20.0
Disiloxane, 1,1...	16.198	83.8	ng	5065280	4	17.310	1208160	20.0
Dicumyl peroxide	16.269	37.6	ng	2272040	4	17.310	1208160	20.0
Benzene, (1,1-d...	16.363	56.0	ng	3381330	4	17.310	1208160	20.0
Benzene, (1,1,4...	16.475	118.0	ng	7126620	4	17.310	1208160	20.0
Benzene, (1,1-d...	16.551	42.9	ng	2592440	4	17.310	1208160	20.0
unknown16.969	16.969	47.2	ng	2851460	4	17.310	1208160	20.0
2,4,4,6-Tetrame...	17.075	89.5	ng	5404830	4	17.310	1208160	20.0
Tridecane, 2-me...	17.227	64.9	ng	3921600	4	17.310	1208160	20.0
Benzoic acid, 2...	17.404	55.8	ng	3369160	4	17.310	1208160	20.0
unknown17.469	17.469	56.5	ng	3409770	4	17.310	1208160	20.0
unknown17.639	17.639	50.9	ng	3077320	4	17.310	1208160	20.0
Phenyl iso-buty...	17.710	96.1	ng	5805020	4	17.310	1208160	20.0
Pentadecane, 2-...	17.863	185.2	ng	11186600	4	17.310	1208160	20.0
Benzoic acid, 3...	17.980	42.9	ng	2592610	4	17.310	1208160	20.0
p-Menthane, 2,3...	18.010	60.5	ng	3654530	4	17.310	1208160	20.0
2-Methylimidazo...	18.092	37.4	ng	2261450	4	17.310	1208160	20.0