LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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: BP007848.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	369	374	383	rVB	167809	261879	1.54%	0.147%
2	7.087	638	646	653	rBV	100365	181766	1.07%	0.102%
3	7.516	713	719	726	rVB	213065	317122	1.86%	0.178%
4	7.910	780	786	792	rBV	881424	1343332	7.89%	0.753%
5	8.181	823	832	841	rBV	431611	888003	5.22%	0.498%
6	8.257	841	845	854	rVB	110650	187991	1.10%	0.105%
7	9.004	965	972	977	rBV	330021	592906	3.48%	0.332%
8	9.069	978	983	986	rBV	155567	262948	1.55%	0.147%
9	9.175	994	1001	1007	rVB2	504695	919455	5.40%	0.515%
10	9.940	1125	1131	1139	rBV7	102731	284112	1.67%	0.159%
11	10.016	1139	1144	1150	rVV2	146750	242287	1.42%	0.136%
12	10.275	1182	1188	1199	rVB2	165548	323527	1.90%	0.181%
13	10.416	1208	1212	1217	rVB	322352	449540	2.64%	0.252%
14	10.710	1255	1262	1273	rVB	1128468	2154089	12.66%	1.207%
15	11.040	1311	1318	1323	rBV4	115857	321511	1.89%	0.180%
16	11.110	1325	1330	1338	rVB3	194147	503655	2.96%	0.282%
17	11.204	1342	1346	1352	rVB	205453	332738	1.96%	0.186%
18	11.293	1358	1361	1369	rVB3	184324	348558	2.05%	0.195%
19	11.363	1369	1373	1379	rBV3	117525	230851	1.36%	0.129%
20	11.646	1415	1421	1427	rBV3	301920	739209	4.34%	0.414%
21	11.722	1430	1434	1439	rBV2	196419	381418	2.24%	0.214%
22	11.787	1441	1445	1449	rVV	228518	324076	1.90%	0.182%
23	11.881	1457	1461	1464	rBV2	178603	239980	1.41%	0.134%
24	11.969	1471	1476	1480	rBV	1461244	2221156	13.05%	1.245%
25	12.010	1480	1483	1487	rVB3	194202	325200	1.91%	0.182%
26	12.110	1494	1500	1503	rBV4	422586	962298	5.66%	0.539%
27	12.263	1523	1526	1530	rVB4	424065	543150	3.19%	0.304%
28	12.328	1532	1537	1539	rBV3	531371	912086	5.36%	0.511%
29	12.493	1561	1565	1566	rBV	462367	553490	3.25%	0.310%
30	12.881	1628	1631	1636	rVB3	907584	1464363	8.61%	0.821%
31	12.934	1637	1640	1645	rBV3	346706	724905	4.26%	0.406%
32	12.992	1646	1650	1655	rBV2	1510541	2727084	16.03%	1.528%
33	13.469	1729	1731	1735	rVB	603918	644335	3.79%	0.361%
34	13.522	1737	1740	1744	rVV2	578973	807170	4.74%	0.452%
35	13.616	1749	1756	1763	rVB2	1764912	4729612	27.79%	2.650%
36	13.722	1770	1774	1778	rVB3	923504	1370873	8.06%	0.768%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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	14.034	1822	1827	1832	rBV3	1189816	2292584	13.47%	1.285%
38	14.328	1874	1877	1884	rBV2	801104	1235803	7.26%	0.692%
39	14.551	1911	1915	1920	rVB2	1660164	2456811	14.44%	1.377%
40	14.610	1921	1925	1931	rVB2	626513	1217641	7.16%	0.682%
41	14.734	1943	1946	1950	rVB	1068508	1297392	7.62%	0.727%
42	14.975	1984	1987	1992	rBV4	755935	1182325	6.95%	0.663%
43	15.522	2074	2080	2085	rBV2	2614539	4989833	29.32%	2.796%
44	15.604	2091	2094	2106	rVB3	2621879	5596006	32.89%	3.136%
45	15.845	2129	2135	2142	rBV2	3307753	8619900	50.66%	4.830%
46	15.910	2142	2146	2150	rBV2	2789611	4255080	25.01%	2.384%
47	15.986	2155	2159	2163	rBV	3947887	6075310	35.70%	3.404%
48	16.028	2163	2166	2171	rVB	2675448	3695008	21.71%	2.070%
49	16.104	2176	2179	2182	rVB	2384853	2976349	17.49%	1.668%
50	16.204	2192	2196	2200	rVB	6101902	7628714	44.83%	4.275%
51	16.369	2220	2224	2227	rVB	4018281	5035099	29.59%	2.821%
52	16.481	2238	2243	2251	rVB	6025873	10528018	61.87%	5.899%
53	16.557	2252	2256	2259	rBV2	2556484	4079927	23.98%	2.286%
54	16.975	2323	2327	2334	rVB2	2657961	4135475	24.30%	2.317%
55	17.081	2340	2345	2351	rBV2	3953195	8946011	52.57%	5.013%
56	17.228	2365	2370	2372	rBV	4316033	7291215	42.85%	4.086%
57	17.351	2388	2391	2397	rVB2	2917927	4381890	25.75%	2.455%
58	17.410	2397	2401	2407	rBV3	3440917	5483373	32.22%	3.073%
59	17.598	2430	2433	2436	rBV	1615456	2060301	12.11%	1.154%
60	17.645	2437	2441	2447	rVB4	2141696	4532514	26.64%	2.540%
61	17.716	2449	2453	2458	rBV2	4879306	8230903	48.37%	4.612%
62	17.863	2472	2478	2484	rBV	7258241	17016169	100.00%	9.535%
63	17.986	2496	2499	2501	rBV	3388206	4372090	25.69%	2.450%
64	18.016	2501	2504	2507	rVB	4421307	5740079	33.73%	3.216%
65	18.098	2515	2518	2521	rBV	3059303	3295543	19.37%	1.847%

Sum of corrected areas: 178464038

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Acq On : 04 Nov 2021 15:13
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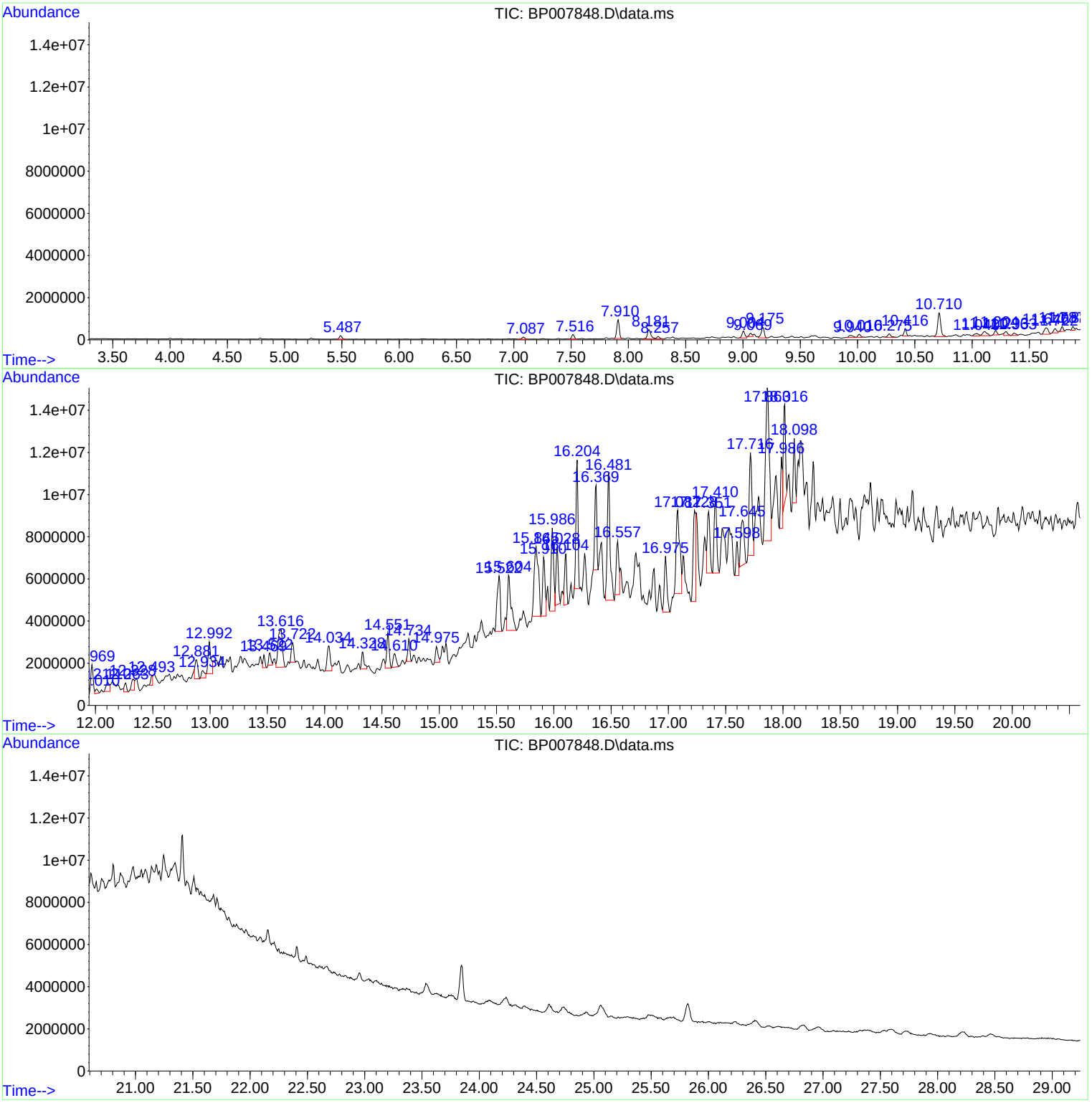
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
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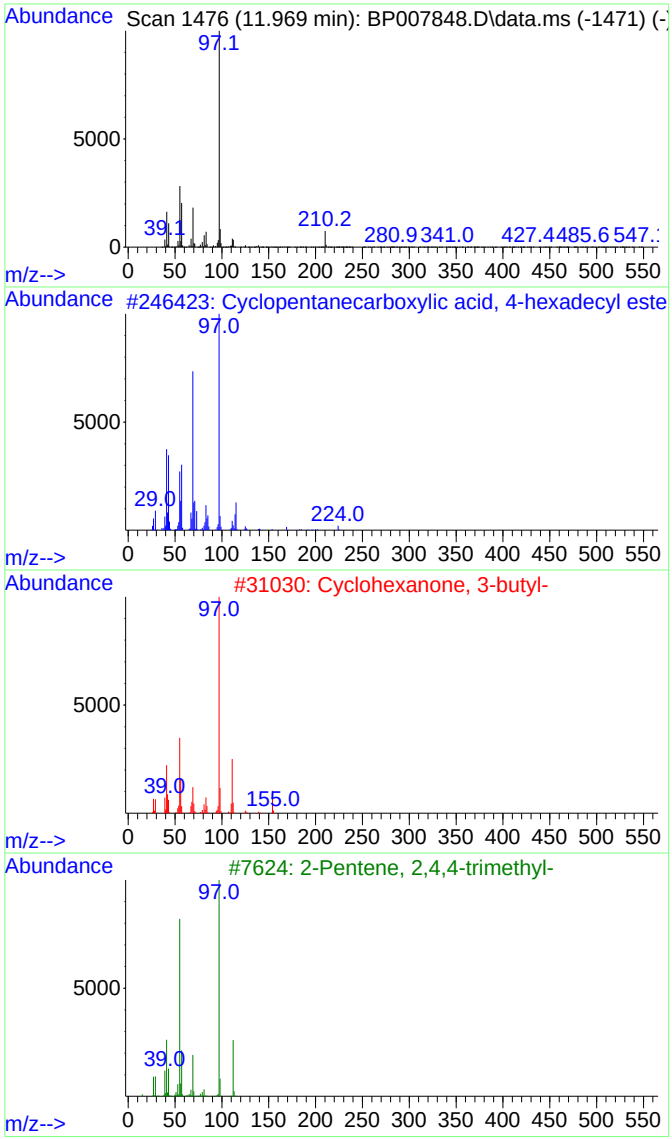
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

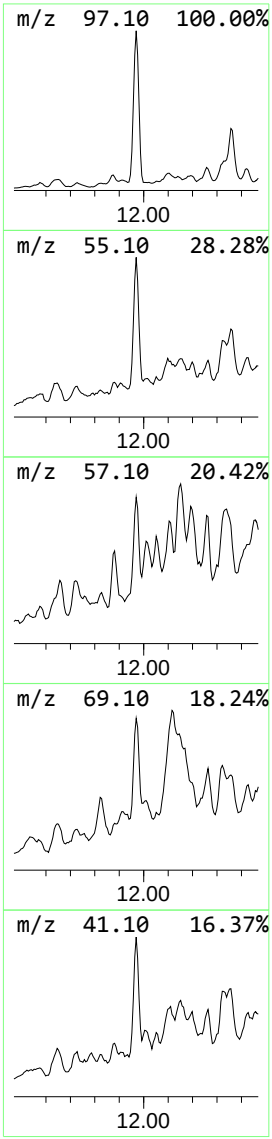
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentanecarboxylic acid... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	20.62 ng	2221160	Naphthalene-d8	10.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	78
2	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	64
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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

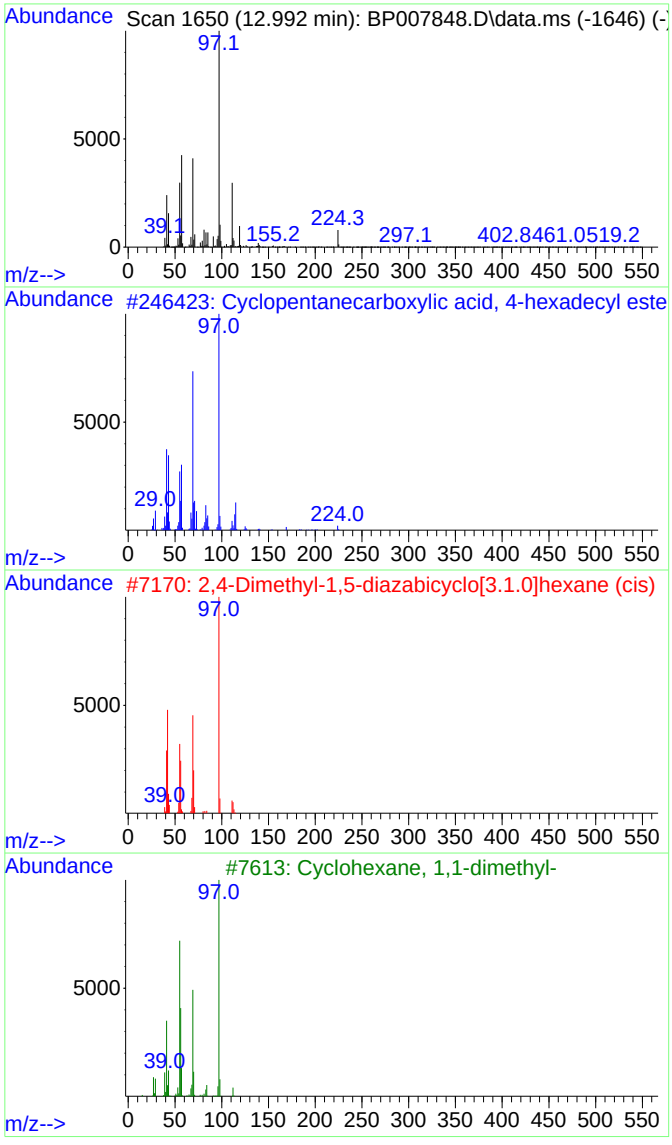
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

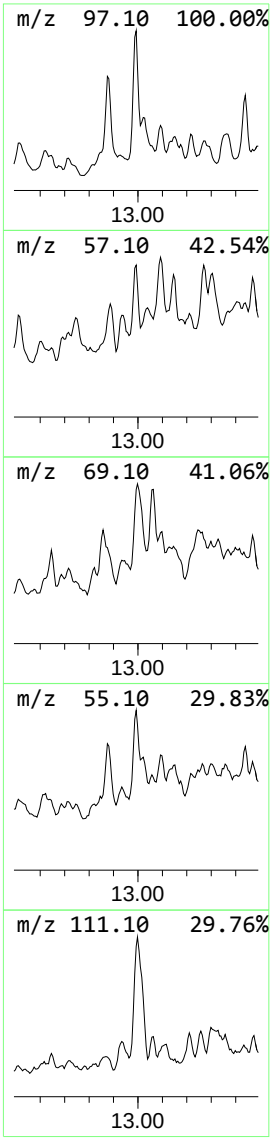
****

Peak Number 2 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	22.20 ng	2727080	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	64
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	58
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
4	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	50
5	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1010221-97-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007848.D
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Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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

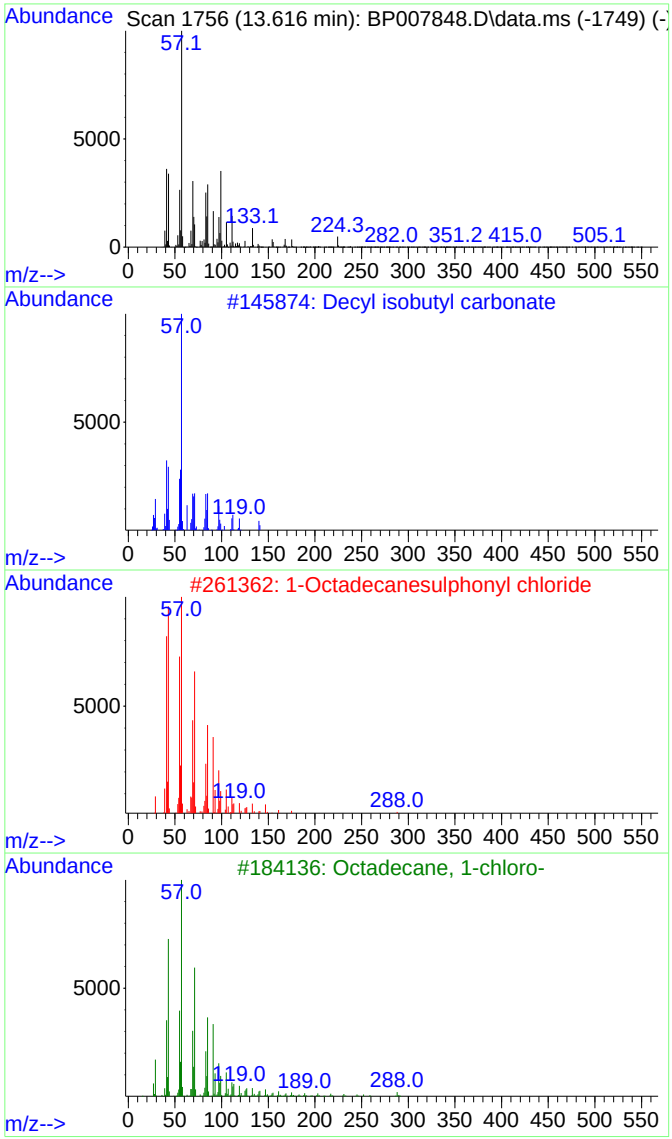
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

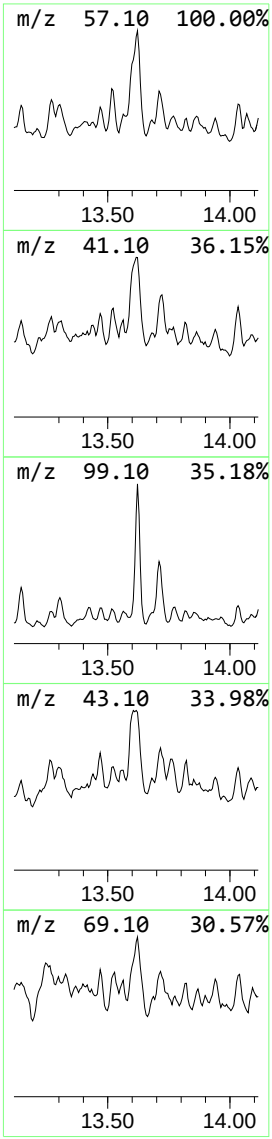
****

Peak Number 3 Decyl isobutyl carbonate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	38.50 ng	4729610	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	47
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
4	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	47
5	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	43





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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FDR-20211101-WC-LS

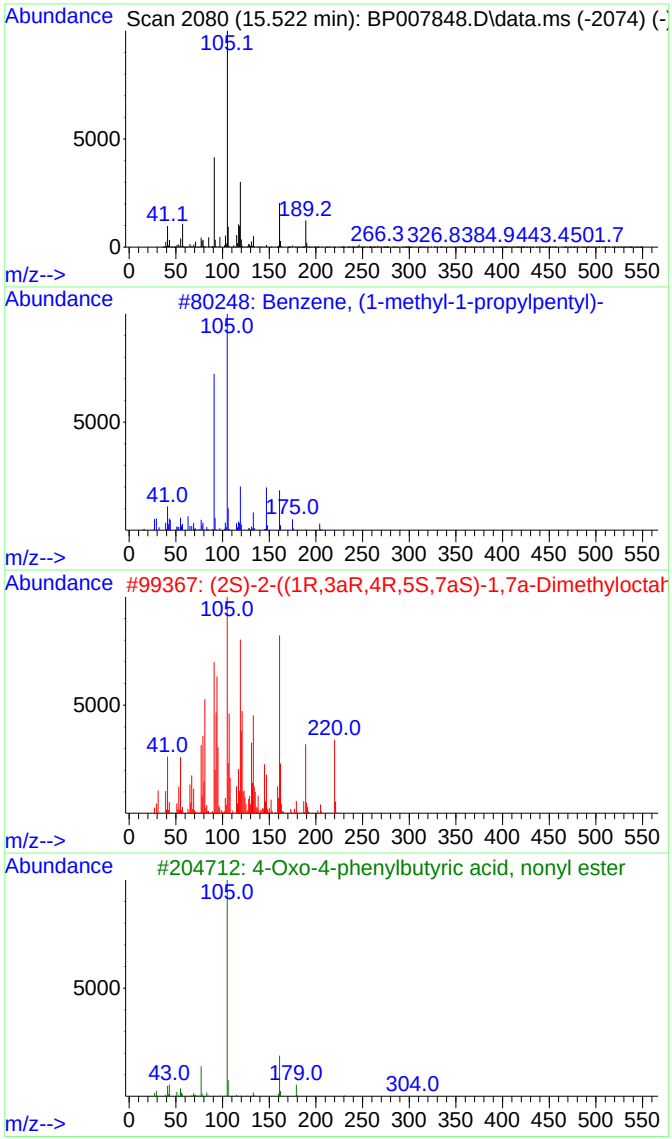
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

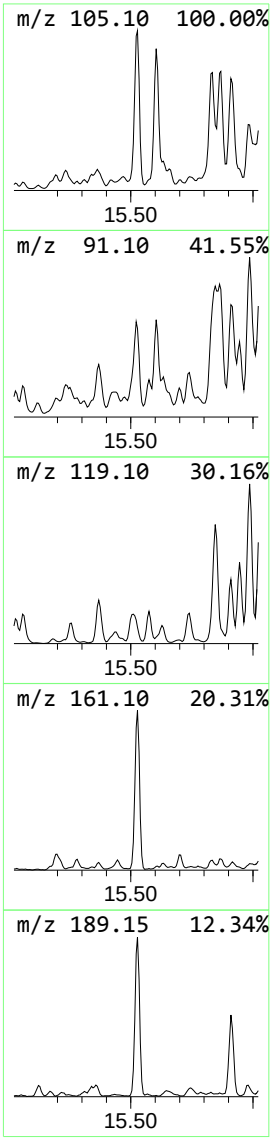
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methyl-1-propyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.522	40.62 ng	4989830	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	50
2	(2S)-2-((1R,3aR,4R,5S,7aS)-1,7a-...	220	C15H24O	030810-34-5	32
3	4-Oxo-4-phenylbutyric acid, nony...	304	C19H28O3	1010405-98-0	17
4	4-Oxo-4-phenylbutyric acid, octy...	290	C18H26O3	1010405-97-9	17
5	4-Oxo-4-phenylbutyric acid, buty...	234	C14H18O3	1000405-97-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
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Acq On : 04 Nov 2021 15:13
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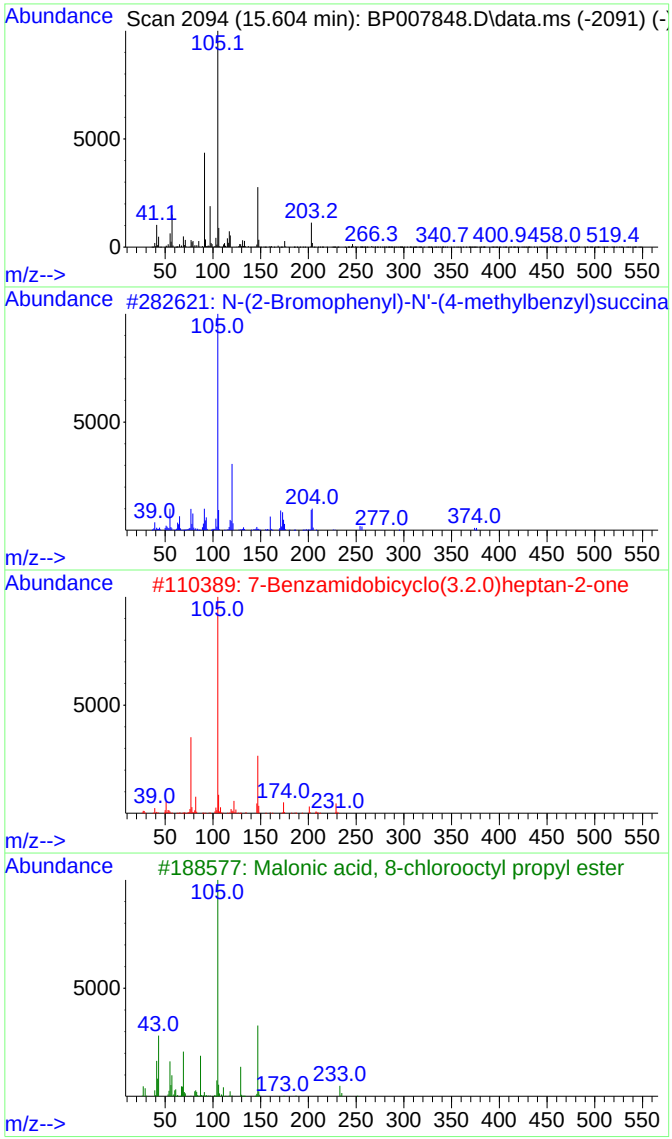
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

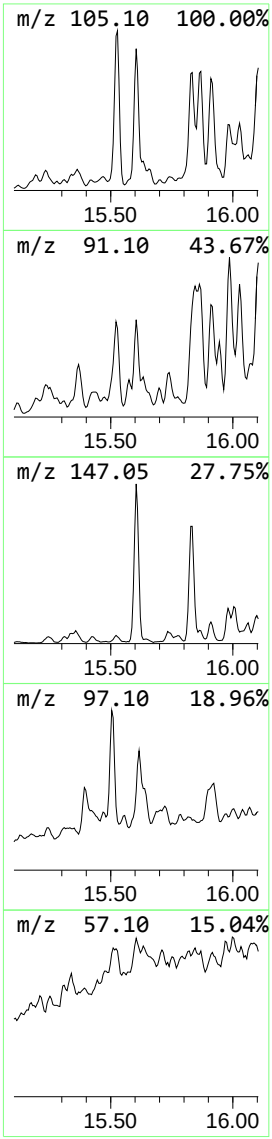
****

Peak Number 5 unknown15.604 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	45.56 ng	5596010	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Bromophenyl)-N'-(4-methylbe...	374	C18H19BrN2O2	328019-20-1	32
2	7-Benzamidobicyclo(3.2.0)heptan-...	229	C14H15NO2	1000241-65-0	28
3	Malonic acid, 8-chlorooctyl prop...	292	C14H25ClO4	1000349-00-3	28
4	3-Buten-1-one, 1,4-diphenyl-	222	C16H14O	032363-55-6	22
5	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	17





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Misc :
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BNA_P
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FDR-20211101-WC-LS

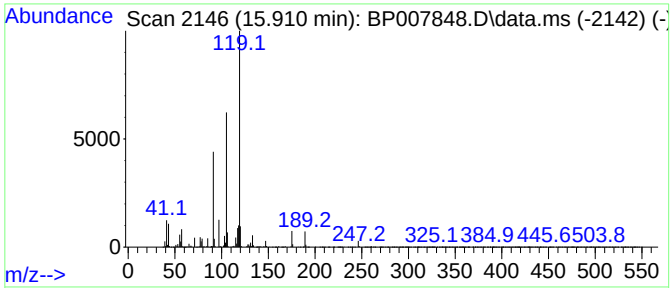
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

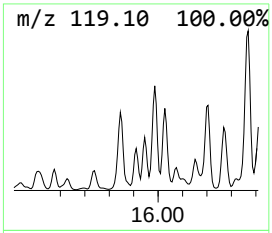
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

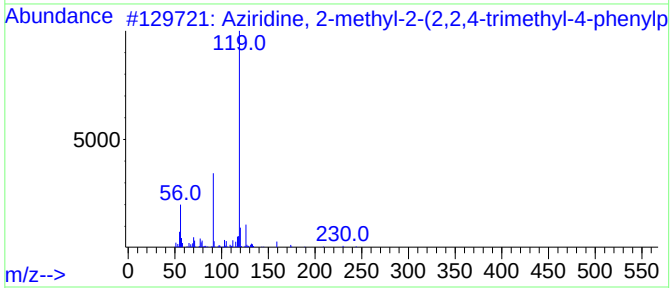
****
Peak Number 7 Aziridine, 2-methyl-2-(2,2,... Concentration Rank 10

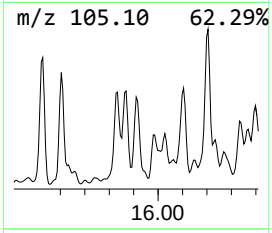
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	34.64 ng	4255080	Acenaphthene-d10	14.551

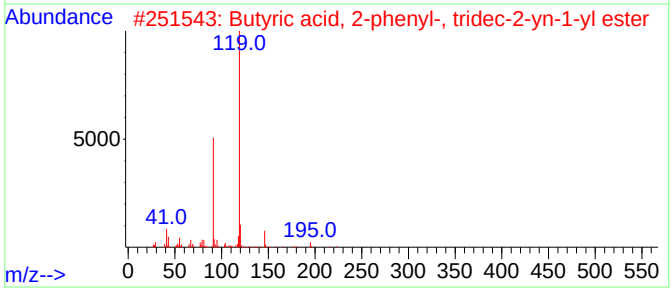
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	64
2	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	59
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
4	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	59
5	Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	59

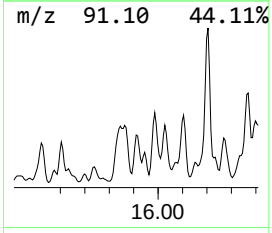


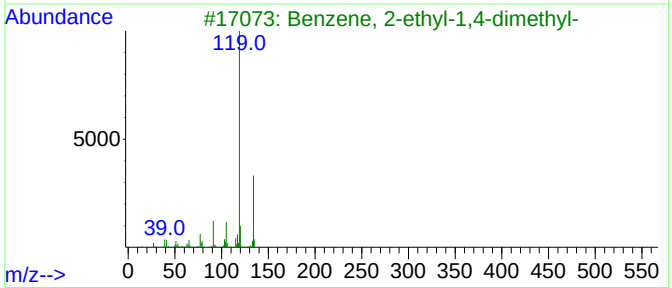


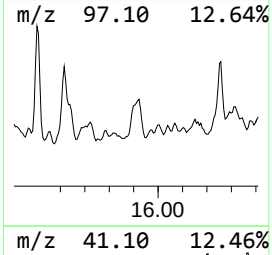


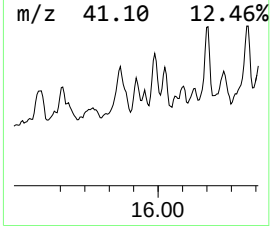












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Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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

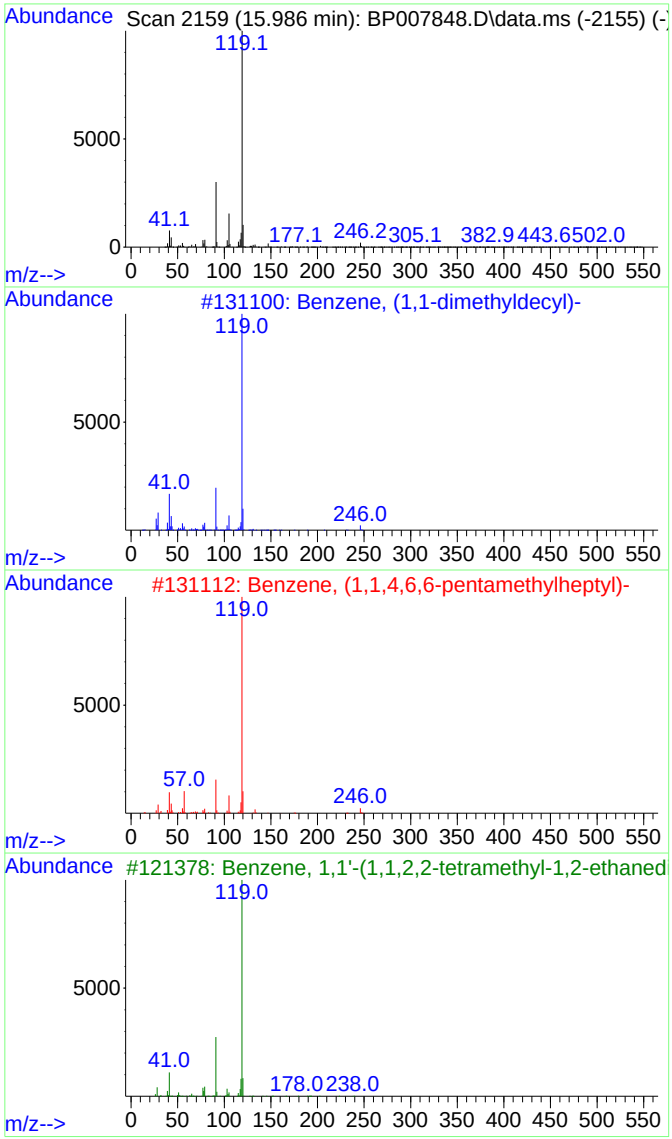
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

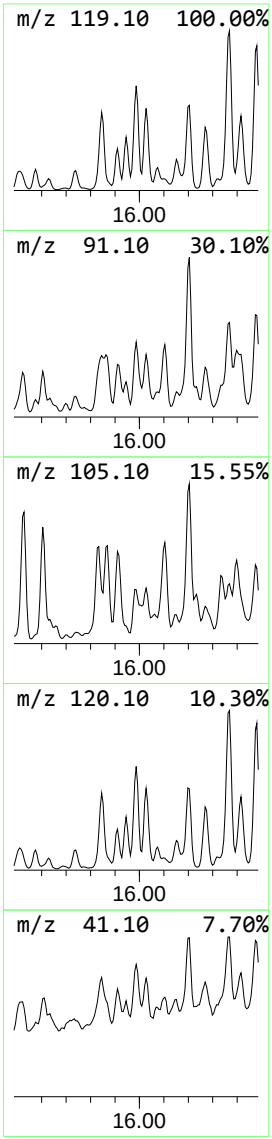
****

Peak Number 8 Benzene, (1,1-dimethyldecyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	27.73 ng	6075310	Phenanthrene-d10	17.316

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	72
3	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
4	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	64
5	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	64





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Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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

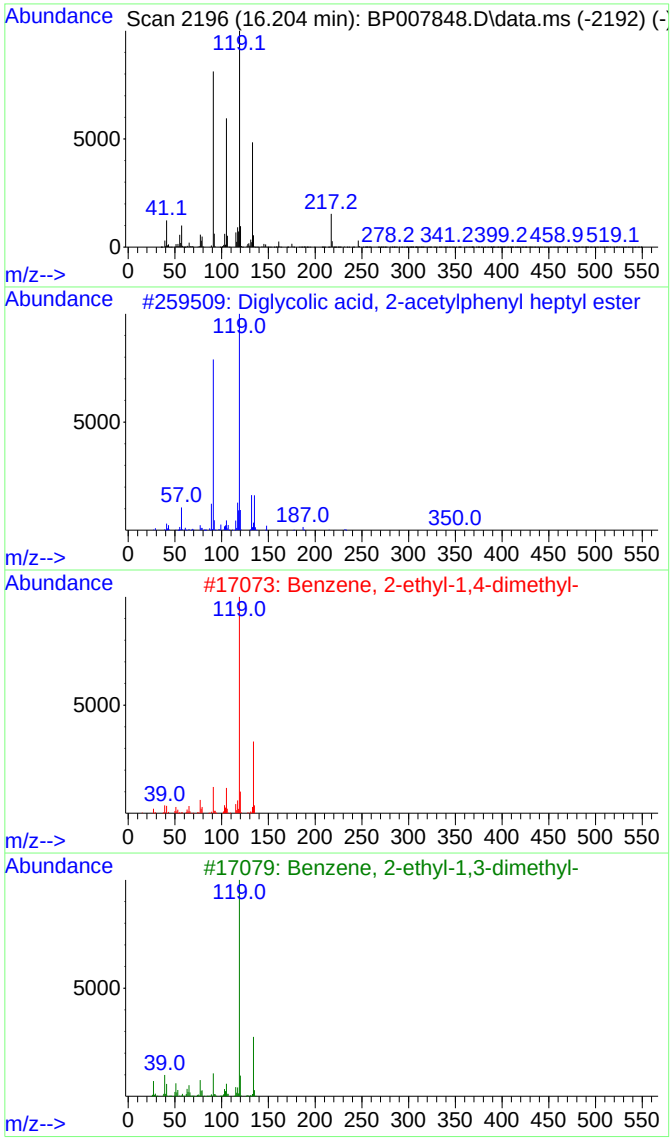
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

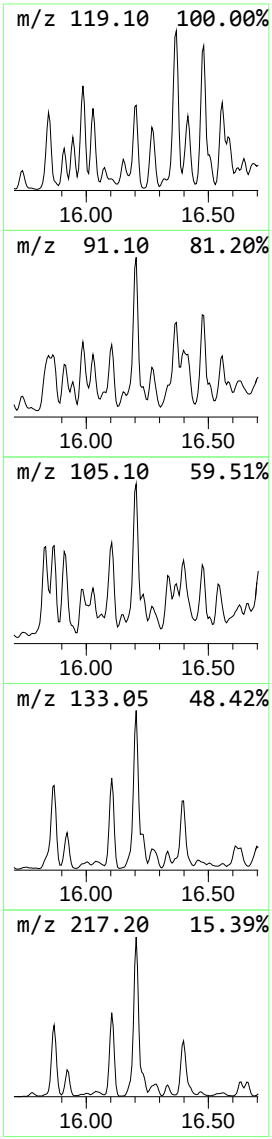
****

Peak Number 9 Diglycolic acid, 2-acetylph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	34.82 ng	7628710	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	53
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
4	N-Methyl-o-toluamide	149	C9H11NO	002170-09-4	49
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49





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Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

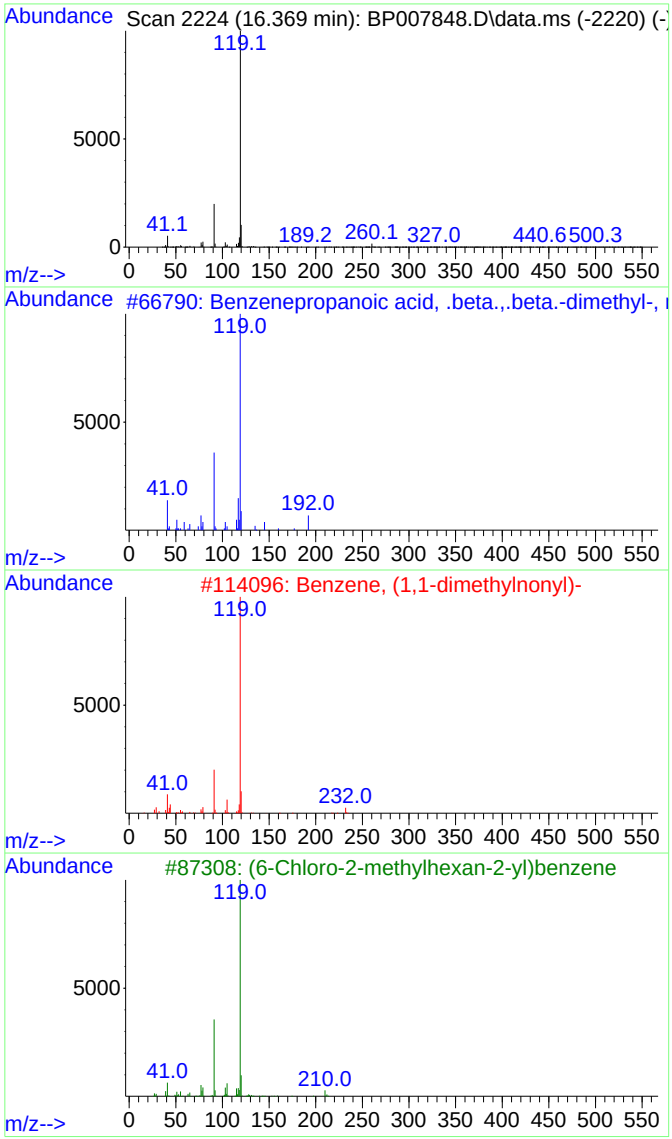
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

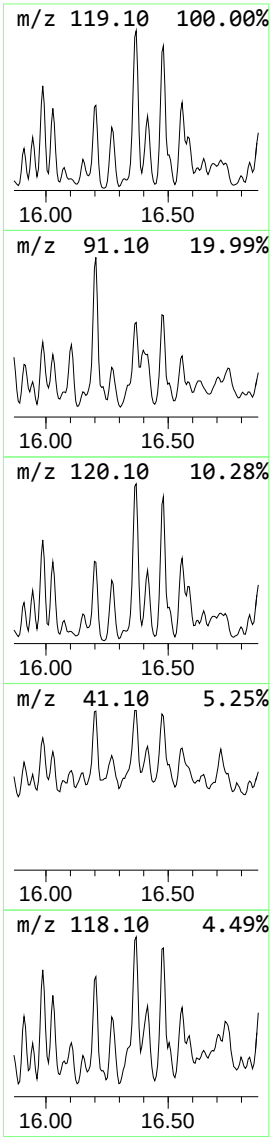
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzenepropanoic acid, .bet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.369	22.98 ng	5035100	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	78
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
3	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	78
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
5	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	78





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Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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

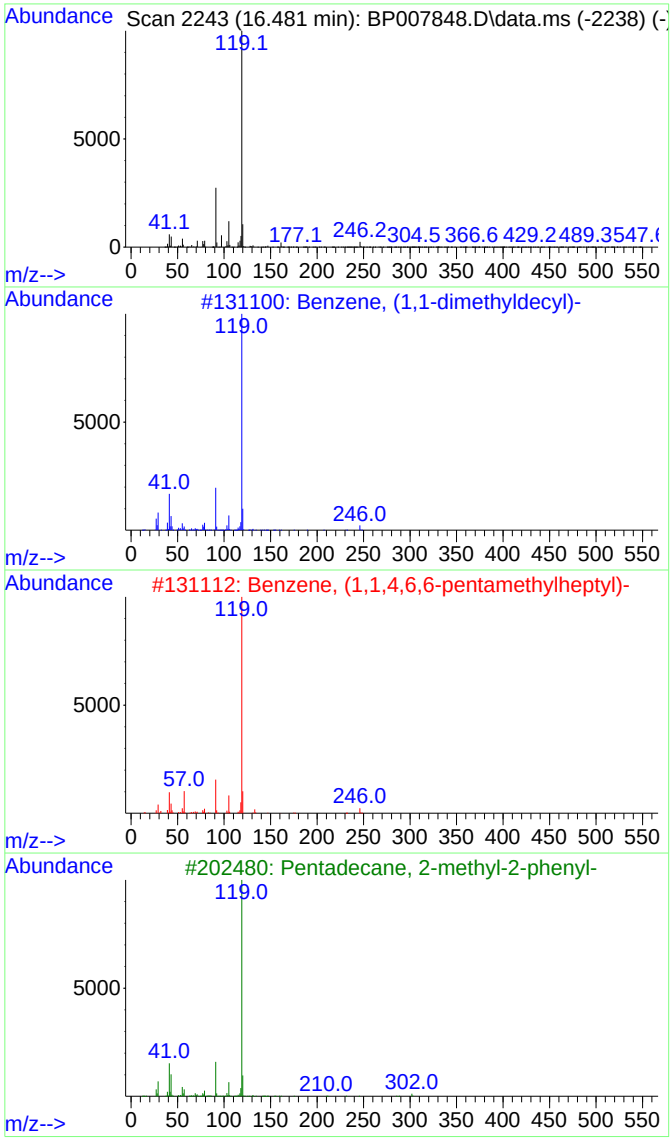
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

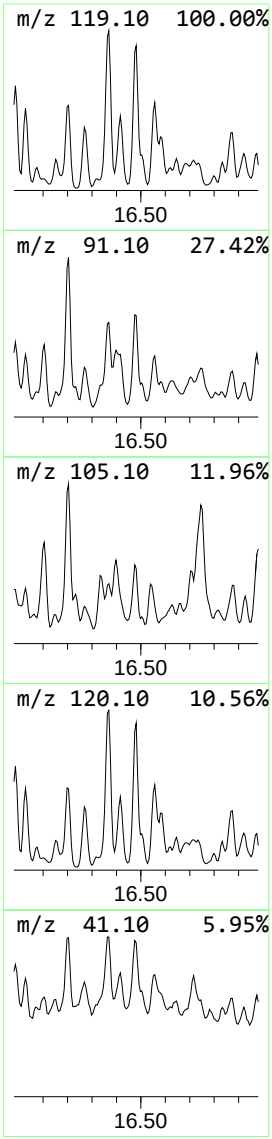
****

Peak Number 11 Cumene hydroperoxide, TMS d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	48.05 ng	10528000	Phenanthrene-d10	17.316

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	90
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
4	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	72
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72





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Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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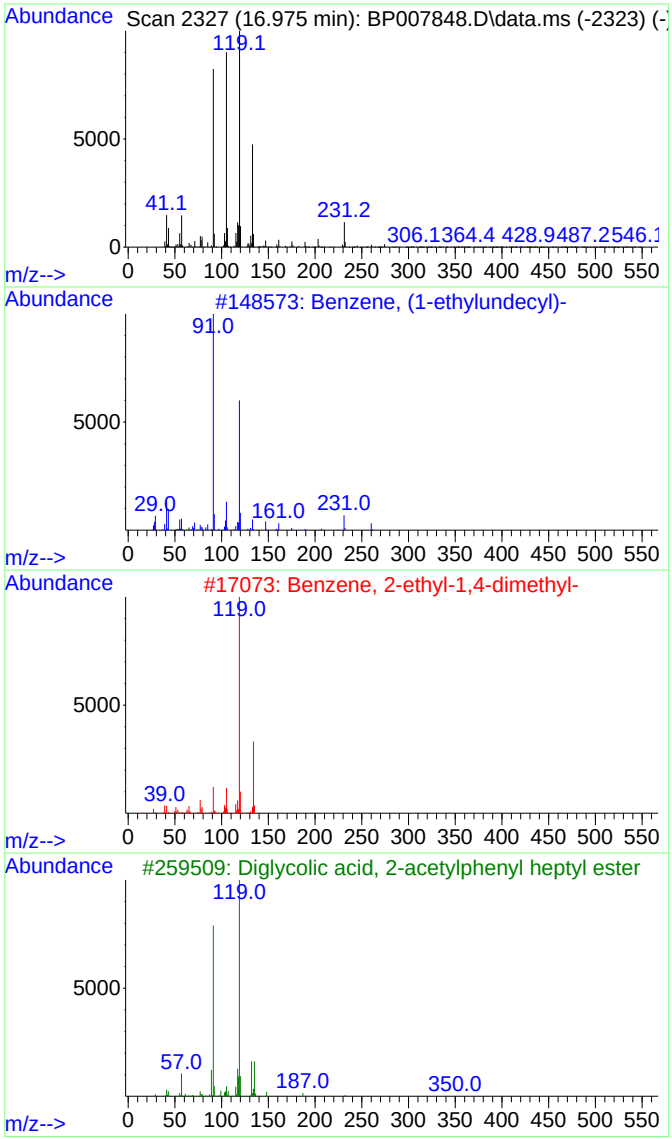
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

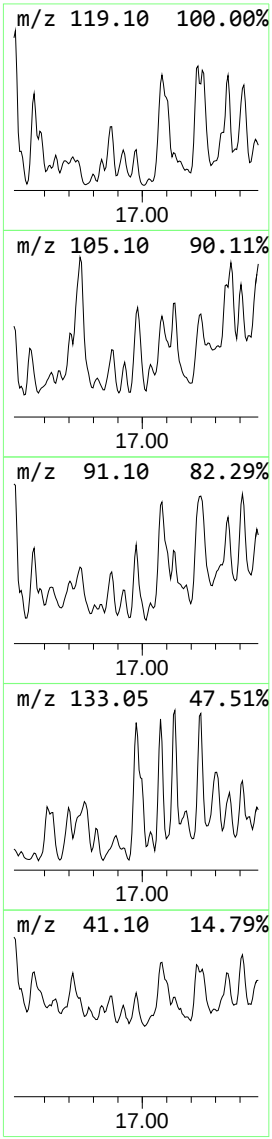
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Diglycolic acid, 2-acetylph... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	18.88 ng	4135480	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	59
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
3	Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	50
4	Diglycolic acid, 2-acetylphenyl ...	364	C20H28O6	1000382-72-4	50
5	Diglycolic acid, 2-acetylphenyl ...	378	C21H30O6	1000382-72-5	50





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Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 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

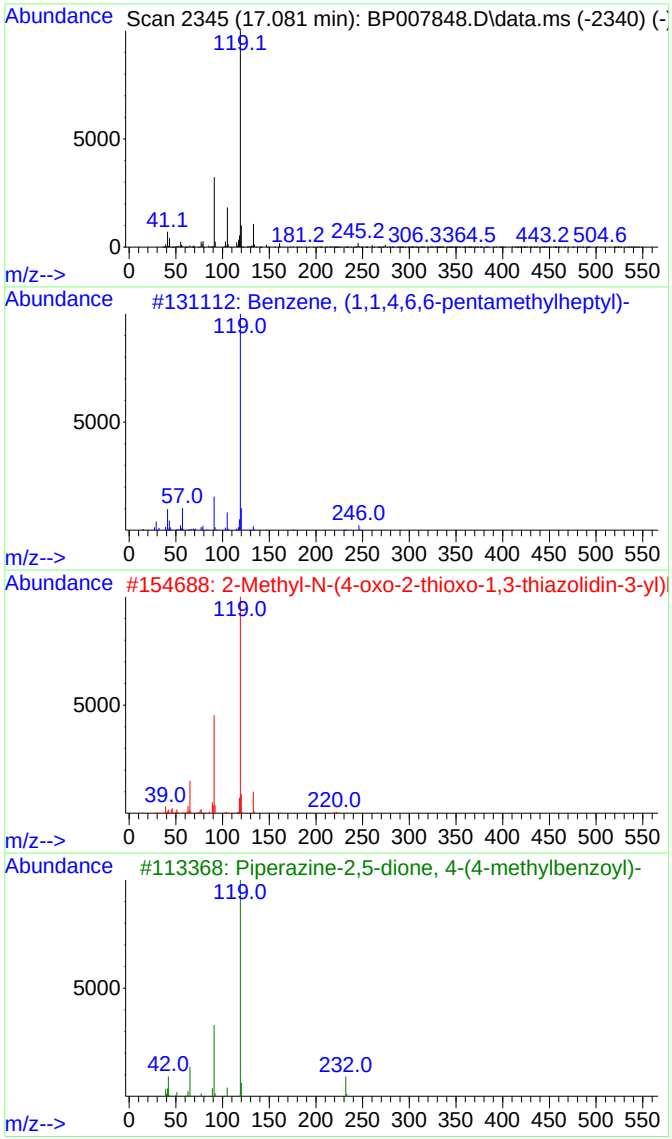
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

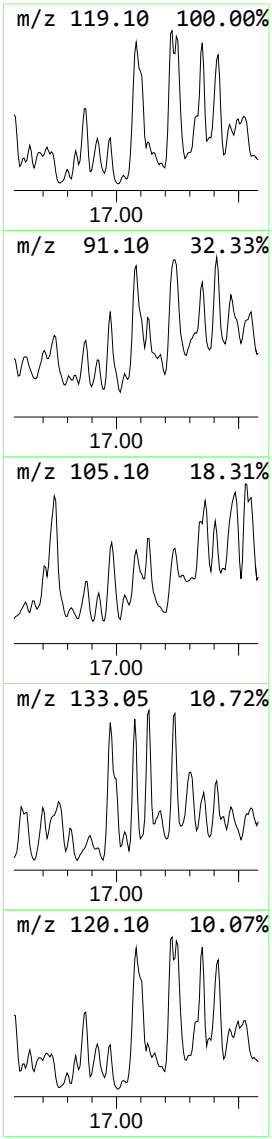
****

Peak Number 13 2-Methyl-N-(4-oxo-2-thioxo-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	40.83 ng	8946010	Phenanthrene-d10	17.316

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	Piperazine-2,5-dione, 4-(4-methy...	232	C12H12N2O3	259228-04-1	59
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
5	Benzamide, N-(3-chlorophenyl)-2-...	245	C14H12ClNO	1000307-00-4	59





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Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

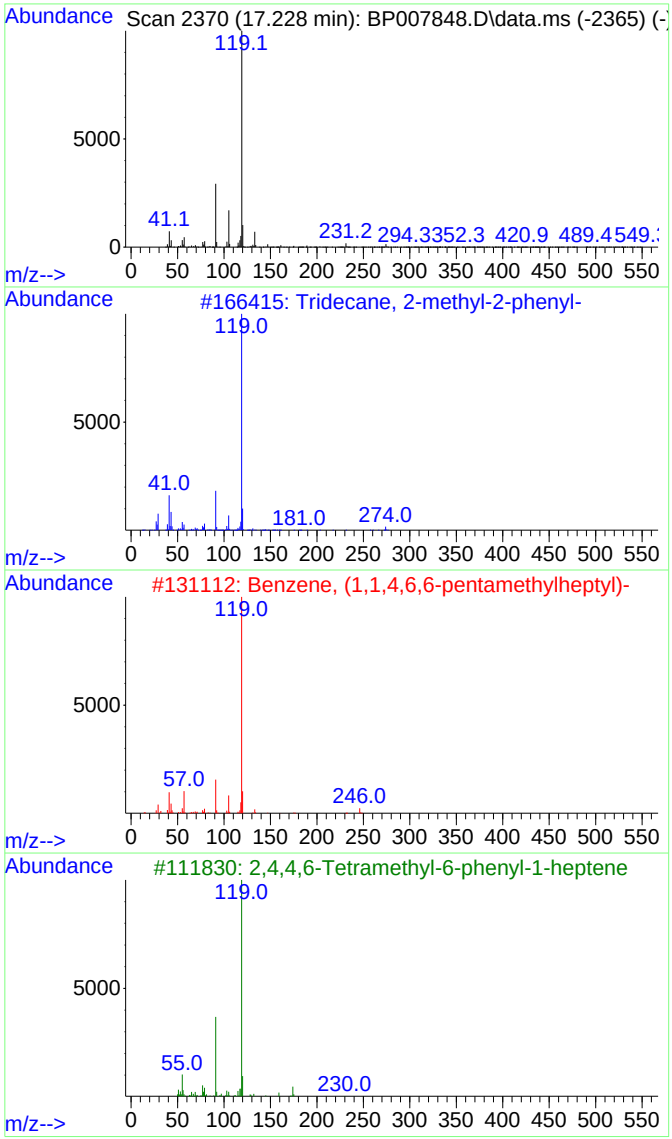
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

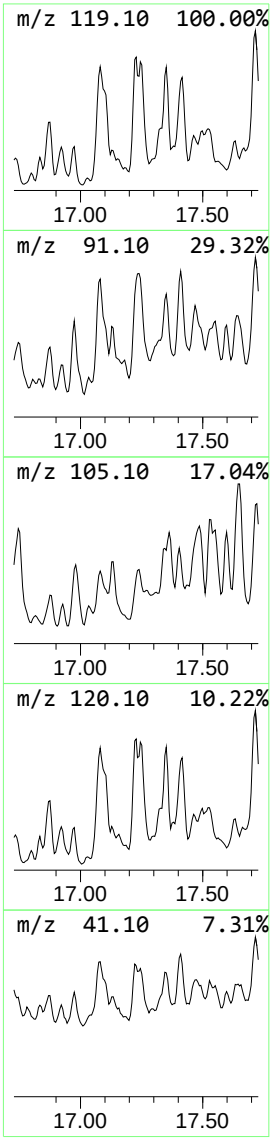
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Tridecane, 2-methyl-2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.228	33.28 ng	7291220	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	83
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
3	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	64
4	.beta.-Alanine, N-(4-methylbenzo...	235	C13H17NO3	1000321-59-9	64
5	Cyclohexanone, 5-methyl-2-(1-met...	230	C16H22O	097275-48-4	64





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Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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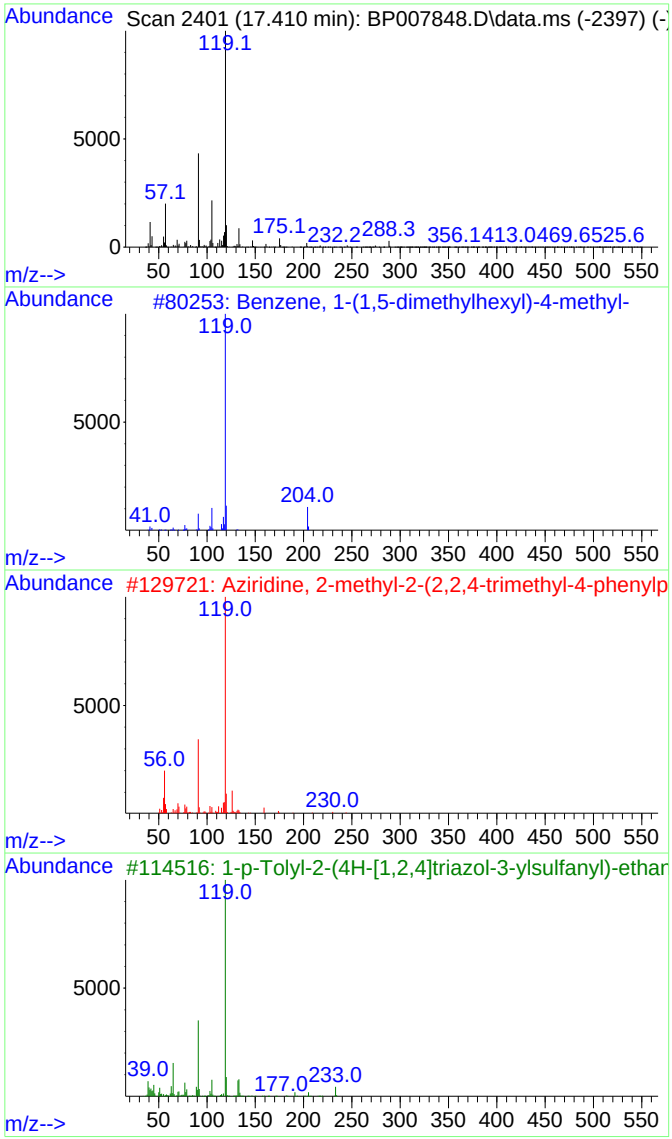
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

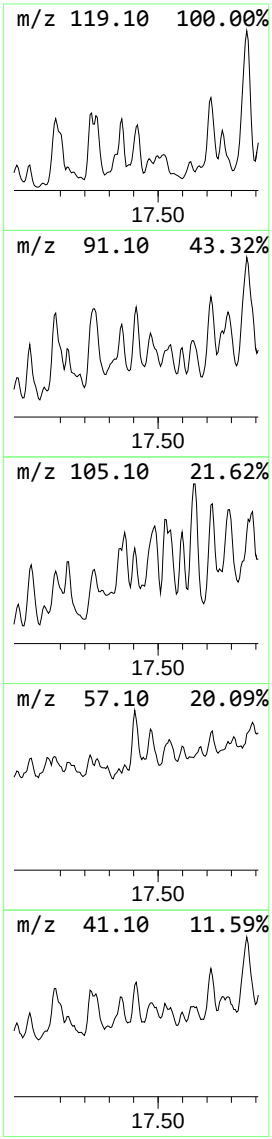
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-(1,5-dimethylhex... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.410	25.03 ng	5483370	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	72
2	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	53
3	1-p-Tolyl-2-(4H-[1,2,4]triazol-3...	233	C11H11N3OS	326888-02-2	53
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	53





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Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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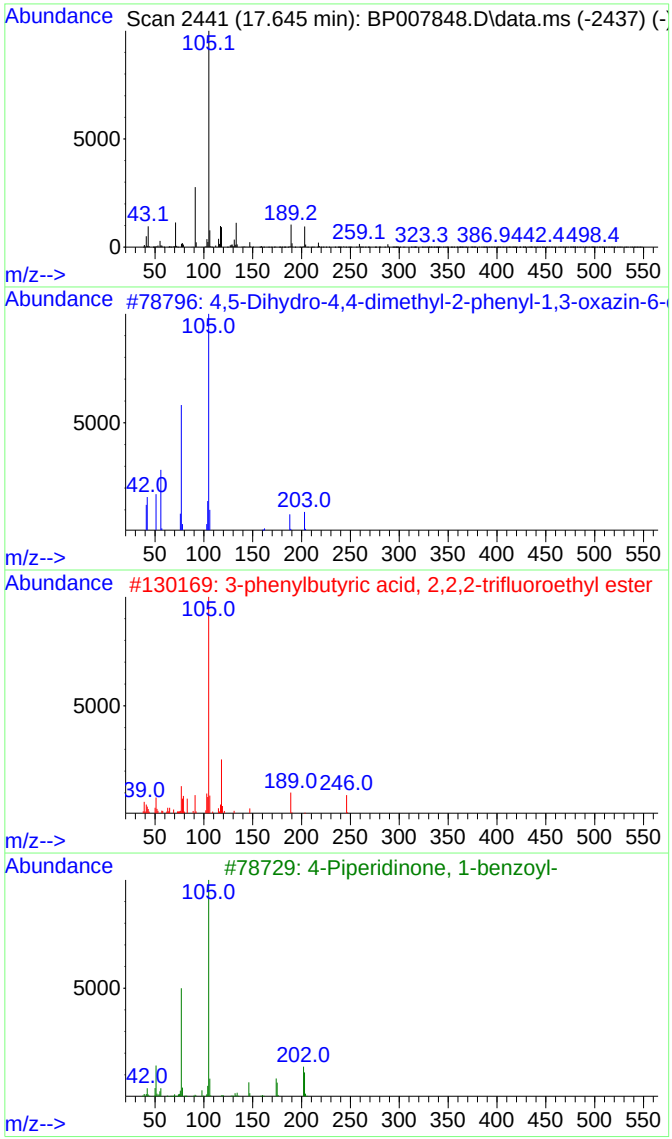
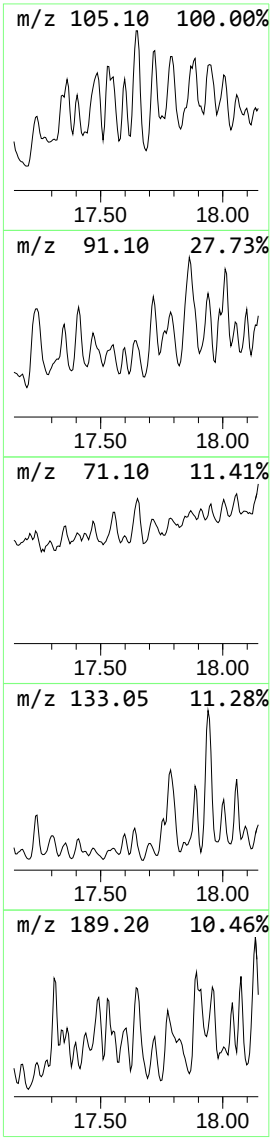
Peak Number 16 unknown17.645 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	20.69 ng	4532510	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydro-4,4-dimethyl-2-pheny...	203	C12H13NO2	029637-55-6	25
2	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	17
3	4-Piperidinone, 1-benzoyl-	203	C12H13NO2	024686-78-0	16
4	1,5-Diphenyl-1,5-pentanedione	252	C17H16O2	006263-83-8	12
5	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	12





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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FDR-20211101-WC-LS

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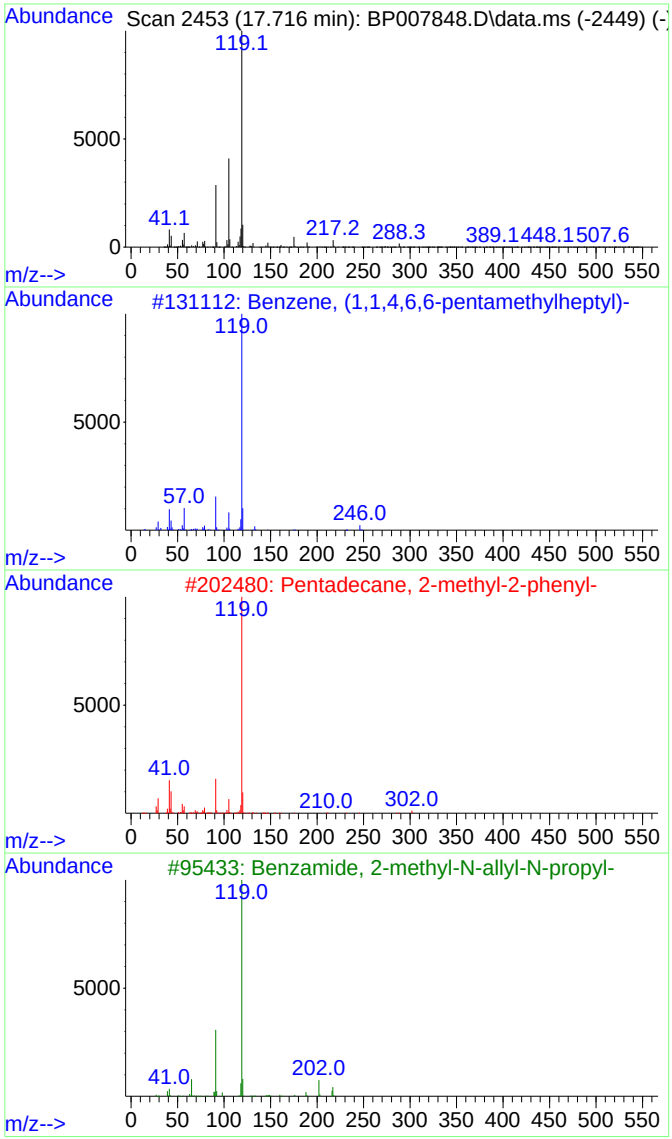
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

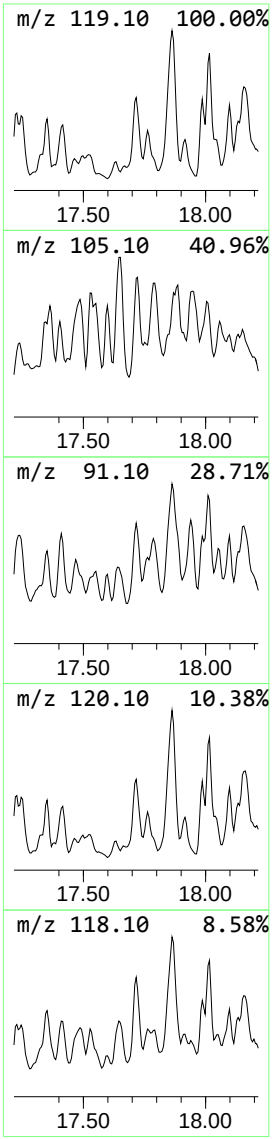
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzamide, 2-methyl-N-allyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	37.57 ng	8230900	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
3	Benzamide, 2-methyl-N-allyl-N-pr...	217	C14H19NO	1000446-30-7	64
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
5	Ethanone, 2-bromo-1-(4-methylphe...	212	C9H9BrO	000619-41-0	59





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Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

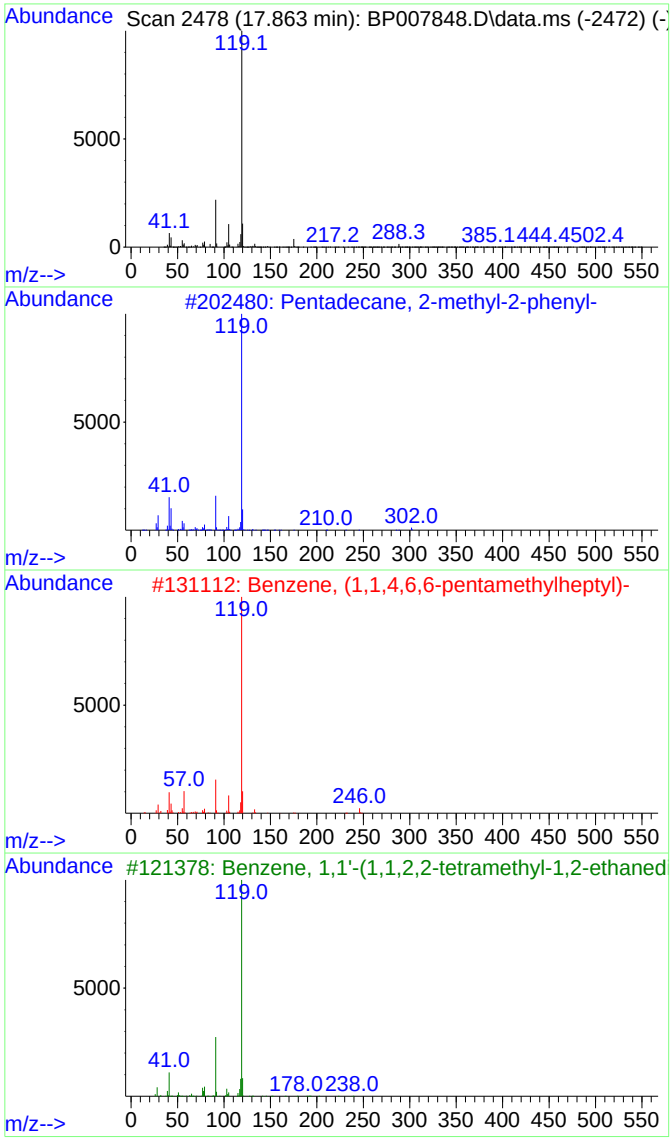
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

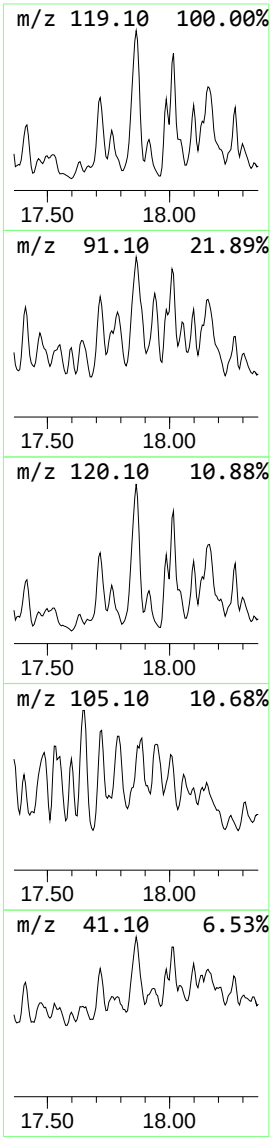
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2-methyl-2-phe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	77.67 ng	17016200	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
3	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	74
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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

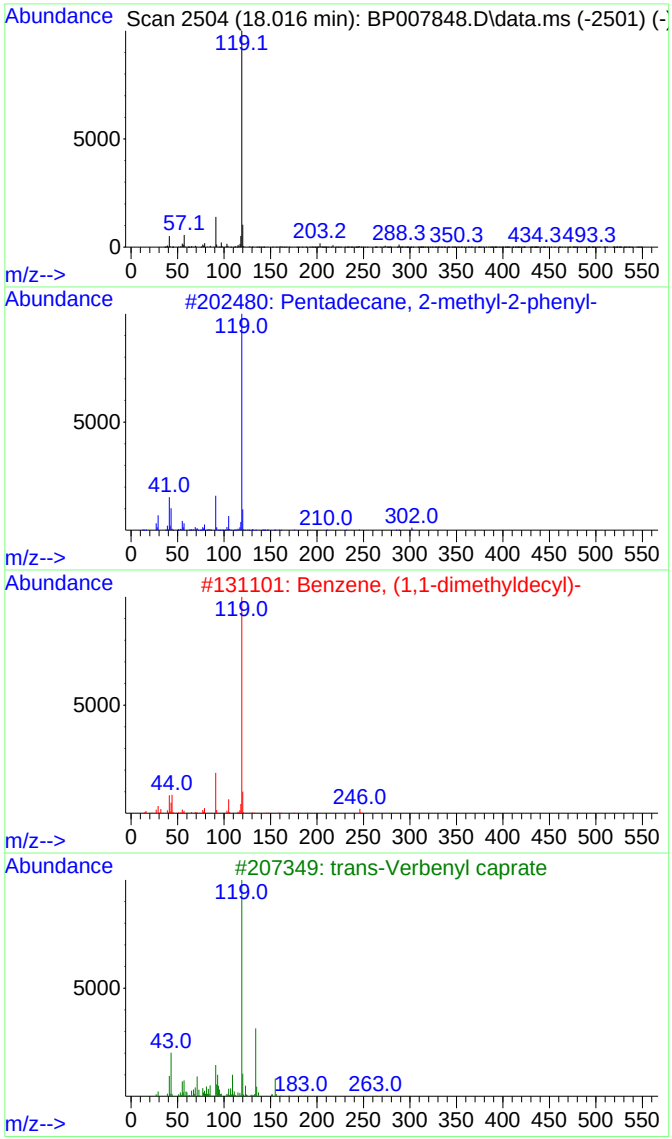
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

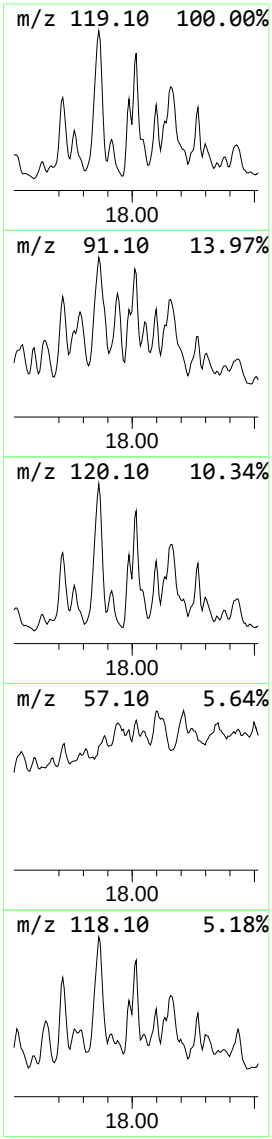
****

Peak Number 20 trans-Verbenyl caprate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	26.20 ng	5740080	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3	trans-Verbenyl caprate	306	C20H34O2	1000414-14-7	72
4	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	72
5	2-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-28-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007848.D
Acq On : 04 Nov 2021 15:13
Operator : CG/JU
Sample : M4438-04 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LS

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
Cyclopentanecar...	11.969	20.6	ng	2221160	2	10.710	2154090	20.0
2,4-Dimethyl-1,...	12.993	22.2	ng	2727080	3	14.551	2456810	20.0
Decyl isobutyl ...	13.616	38.5	ng	4729610	3	14.551	2456810	20.0
Benzene, (1-met...	15.522	40.6	ng	4989830	3	14.551	2456810	20.0
unknown15.604	15.604	45.6	ng	5596010	3	14.551	2456810	20.0
Aziridine, 2-me...	15.910	34.6	ng	4255080	3	14.551	2456810	20.0
Benzene, (1,1-d...	15.986	27.7	ng	6075310	4	17.316	4381890	20.0
Diglycolic acid...	16.204	34.8	ng	7628710	4	17.316	4381890	20.0
Benzenepropanoi...	16.369	23.0	ng	5035100	4	17.316	4381890	20.0
Cumene hydroper...	16.480	48.0	ng	10528000	4	17.316	4381890	20.0
Diglycolic acid...	16.975	18.9	ng	4135480	4	17.316	4381890	20.0
2-Methyl-N-(4-o...	17.081	40.8	ng	8946010	4	17.316	4381890	20.0
Tridecane, 2-me...	17.228	33.3	ng	7291220	4	17.316	4381890	20.0
Benzene, 1-(1,5...	17.410	25.0	ng	5483370	4	17.316	4381890	20.0
unknown17.645	17.645	20.7	ng	4532510	4	17.316	4381890	20.0
Benzamide, 2-me...	17.716	37.6	ng	8230900	4	17.316	4381890	20.0
Pentadecane, 2-...	17.863	77.7	ng	17016200	4	17.316	4381890	20.0
trans-Verbenyl ...	18.016	26.2	ng	5740080	4	17.316	4381890	20.0