LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.787	277	289	294	rBV	174753	378606	3.41%	0.278%
2	4.911	304	310	319	rVB	72799	119696	1.08%	0.088%
3	5.469	398	405	414	rBV	3511081	5242646	47.21%	3.845%
4	6.416	559	566	576	rVB	79474	150505	1.36%	0.110%
5	6.916	640	651	659	rBV	100401	194076	1.75%	0.142%
6	7.063	666	676	692	rBV2	3345715	6142126	55.31%	4.504%
7	7.893	810	817	822	rBV	916119	1464543	13.19%	1.074%
8	8.599	932	937	941	rBV	90727	138957	1.25%	0.102%
9	8.657	941	947	962	rVB	1833107	2897377	26.09%	2.125%
10	9.052	1006	1014	1024	rBV	1987773	3269941	29.44%	2.398%
11	10.034	1173	1181	1189	rBV	170334	341489	3.08%	0.250%
12	10.293	1217	1225	1233	rBV	285178	500092	4.50%	0.367%
13	10.475	1248	1256	1268	rBV	289277	503507	4.53%	0.369%
14	10.693	1285	1293	1299	rBV	1201557	2048159	18.44%	1.502%
15	10.751	1299	1303	1311	rVB	108869	164715	1.48%	0.121%
16	10.916	1322	1331	1336	rBV3	107556	364563	3.28%	0.267%
17	11.063	1336	1356	1364	rBV	809550	3386452	30.49%	2.483%
18	11.193	1364	1378	1387	rVB3	1313485	4743501	42.71%	3.479%
19	11.298	1388	1396	1399	rBV2	447158	873390	7.86%	0.640%
20	11.375	1399	1409	1419	rVB3	961653	3612401	32.53%	2.649%
21	11.469	1419	1425	1429	rBV	158528	306666	2.76%	0.225%
22	11.640	1429	1454	1455	rBV2	2001552	6524520	58.75%	4.785%
23	11.716	1462	1467	1471	rBV2	829171	1521668	13.70%	1.116%
24	11.775	1471	1477	1484	rVB3	1766156	3643838	32.81%	2.672%
25	11.845	1484	1489	1496	rVB	148653	227992	2.05%	0.167%
26	11.922	1496	1502	1512	rVB2	365400	567579	5.11%	0.416%
27	12.198	1543	1549	1555	rBV4	157340	416389	3.75%	0.305%
28	12.263	1555	1560	1563	rVV	104161	170397	1.53%	0.125%
29	12.822	1649	1655	1659	rBV3	106368	157424	1.42%	0.115%
30	13.145	1700	1710	1721	rVB	4986284	7355644	66.24%	5.394%
31	13.663	1791	1798	1806	rBV9	52663	164854	1.48%	0.121%
32	13.740	1806	1811	1816	rVV2	78308	117413	1.06%	0.086%
33	14.169	1880	1884	1889	rBV2	96071	146627	1.32%	0.108%
34	14.328	1906	1911	1916	rBV	189154	320257	2.88%	0.235%
35	14.475	1924	1936	1939	rBV	1354015	2230253	20.08%	1.636%
36	14.522	1939	1944	1954	rVV2	2530776	4815295	43.36%	3.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.604	1954	1958	1966	rVB	288800	458110	4.13%	0.336%
38	14.681	1966	1971	1975	rBV	323347	402589	3.63%	0.295%
39	14.781	1983	1988	1991	rBV	128280	206607	1.86%	0.152%
40	14.969	2011	2020	2027	rBV	2918525	5060431	45.57%	3.711%
41	15.045	2029	2033	2039	rVB4	106796	254107	2.29%	0.186%
42	15.169	2049	2054	2062	rVB	308661	428538	3.86%	0.314%
43	15.251	2063	2068	2071	rBV2	435593	650170	5.85%	0.477%
44	15.292	2071	2075	2079	rVV	734739	1130072	10.18%	0.829%
45	15.345	2079	2084	2088	rVV2	540662	1014074	9.13%	0.744%
46	15.398	2090	2093	2097	rVV3	355773	595988	5.37%	0.437%
47	15.439	2097	2100	2105	rVV4	209119	432906	3.90%	0.317%
48	15.481	2105	2107	2111	rVV2	108569	154807	1.39%	0.114%
49	15.528	2111	2115	2119	rVB2	220996	297775	2.68%	0.218%
50	15.598	2124	2127	2134	rVB2	95784	138852	1.25%	0.102%
51	15.857	2165	2171	2180	rBV	1833566	2772867	24.97%	2.033%
52	16.010	2191	2197	2203	rVV	4755187	6653242	59.91%	4.879%
53	16.063	2203	2206	2217	rVB2	173444	269697	2.43%	0.198%
54	16.286	2240	2244	2248	rBV	290518	351021	3.16%	0.257%
55	16.675	2306	2310	2317	rBV	244532	338266	3.05%	0.248%
56	17.269	2405	2411	2416	rBV	2401593	3328559	29.97%	2.441%
57	17.310	2416	2418	2422	rVB	127391	147753	1.33%	0.108%
58	17.433	2436	2439	2443	rBV	159740	218272	1.97%	0.160%
59	17.498	2443	2450	2452	rBV	836973	1404671	12.65%	1.030%
60	17.533	2452	2456	2462	rVV	507488	1309268	11.79%	0.960%
61	17.704	2483	2485	2492	rVB2	137185	201454	1.81%	0.148%
62	17.822	2502	2505	2514	rVB	104991	154154	1.39%	0.113%
63	18.169	2557	2564	2578	rBV	3827395	5883966	52.98%	4.315%
64	19.280	2747	2753	2756	rBV2	1104551	2351781	21.18%	1.725%
65	19.398	2768	2773	2796	rVB	6778789	11105305	100.00%	8.144%
66	19.627	2809	2812	2821	rVB	283284	450041	4.05%	0.330%
67	19.827	2841	2846	2851	rVB	8541574	10324656	92.97%	7.571%
68	20.580	2968	2974	2975	rBV	573114	1100841	9.91%	0.807%
69	20.616	2975	2980	2983	rBV2	1216621	2370608	21.35%	1.738%
70	21.063	3053	3056	3064	rBV2	375173	532153	4.79%	0.390%
71	21.127	3065	3067	3075	rVB	327589	387541	3.49%	0.284%
72	21.263	3087	3090	3094	rVB	366004	391352	3.52%	0.287%
73	21.351	3100	3105	3110	rBV	3031837	3912642	35.23%	2.869%
74	23.763	3509	3515	3522	rVB2	1906995	3954165	35.61%	2.900%

Sum of corrected areas: 136362859

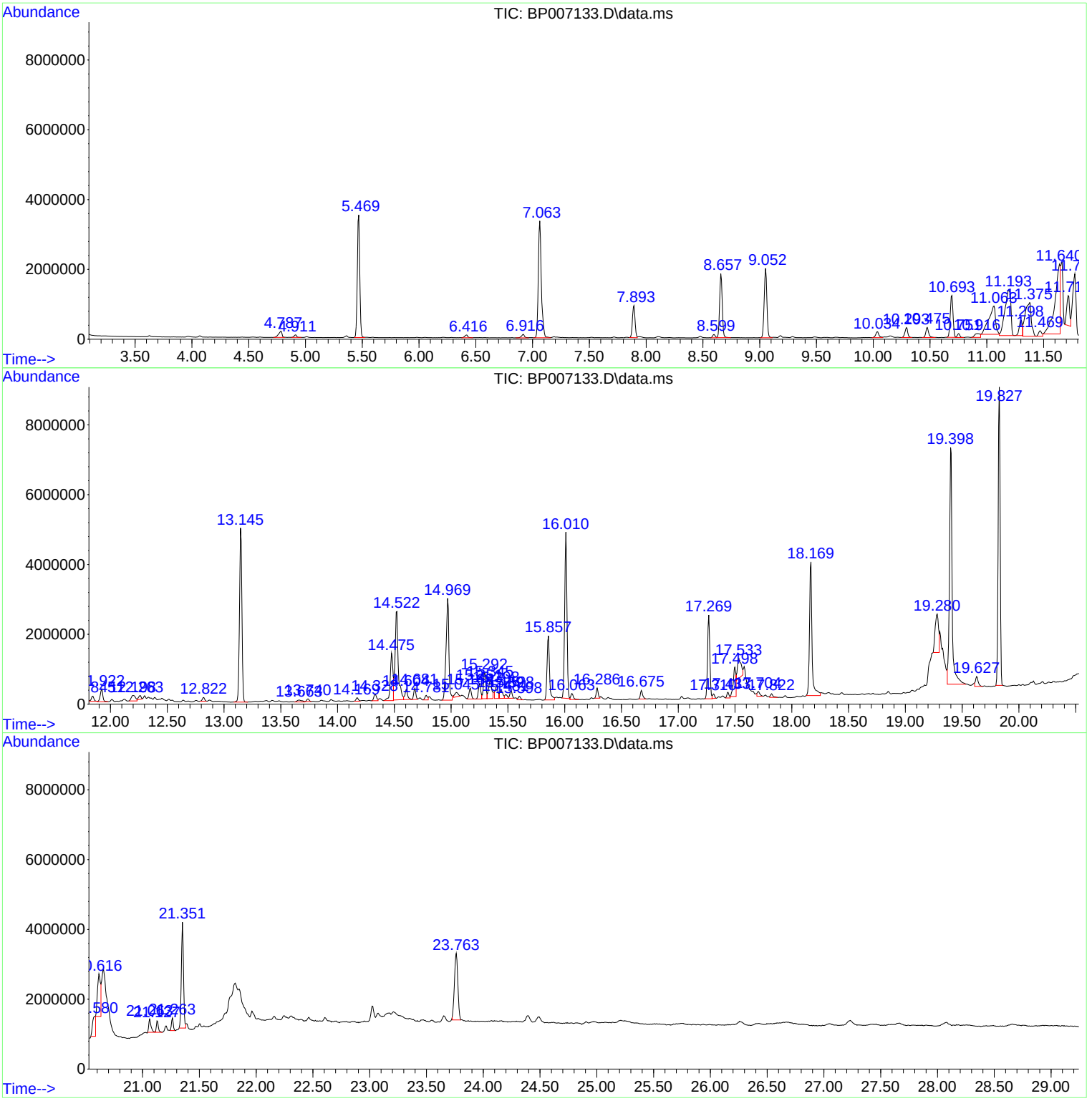
Instrument :
BNA_P
ClientSampleId :
20883

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

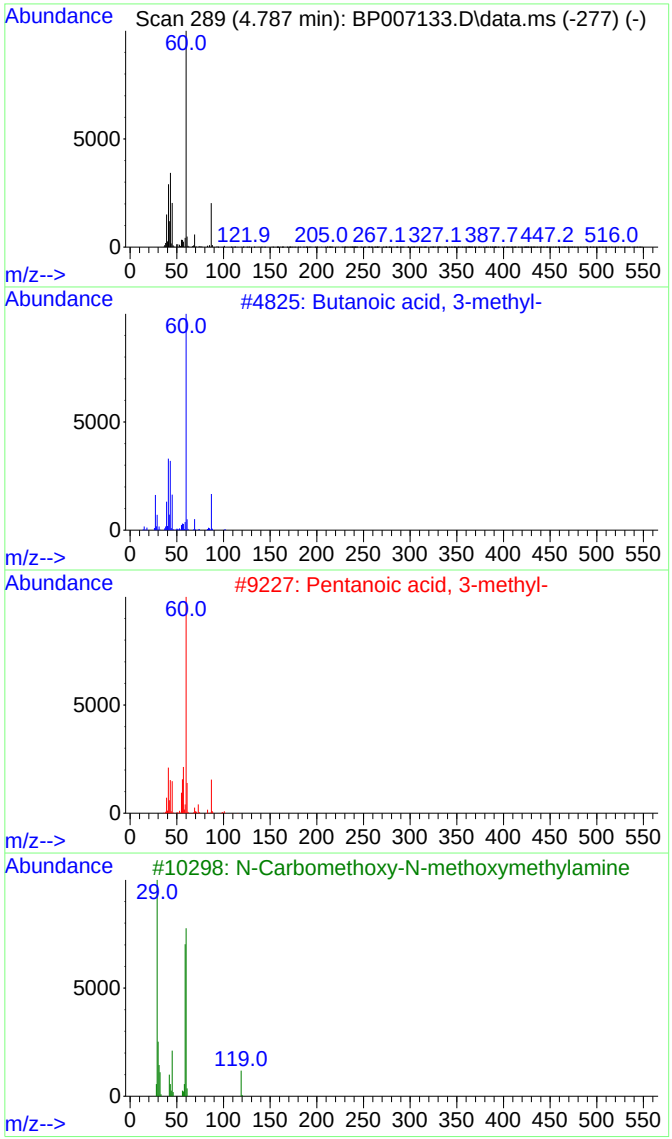
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

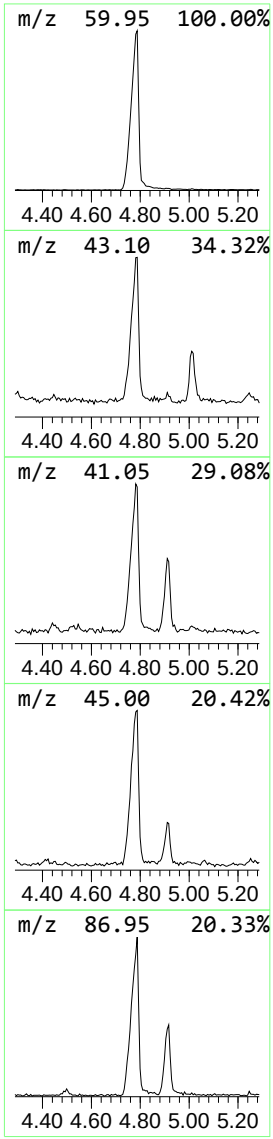
****

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.787	5.17 ng	378606	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	64
3	N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	45
4	Heptanoic acid	130	C7H14O2	000111-14-8	39
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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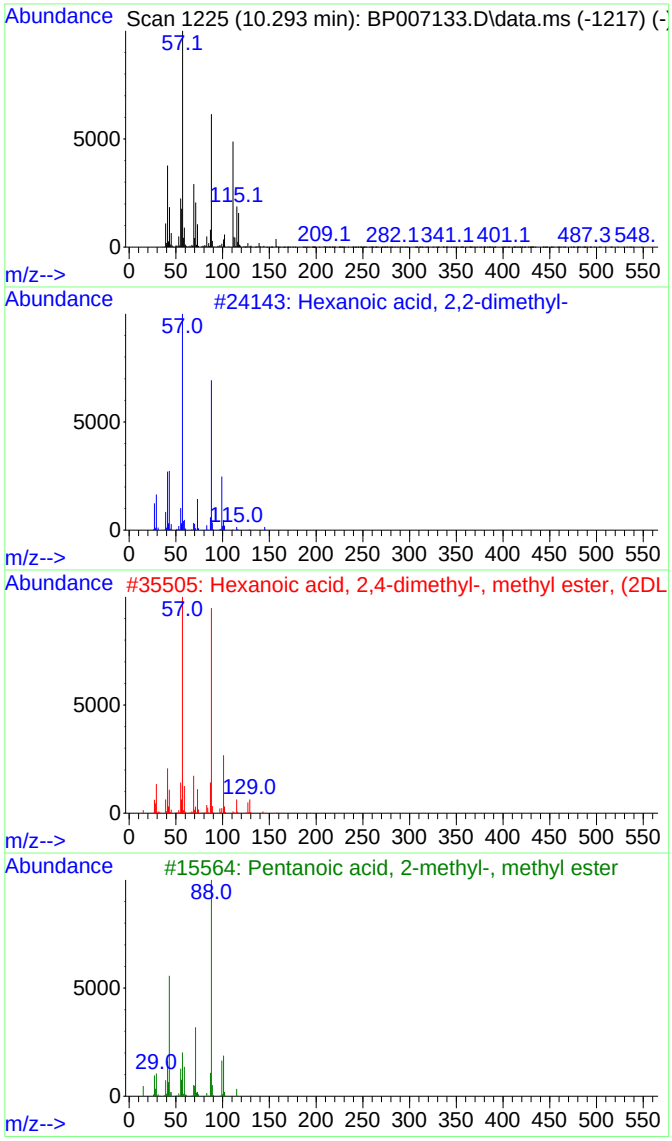
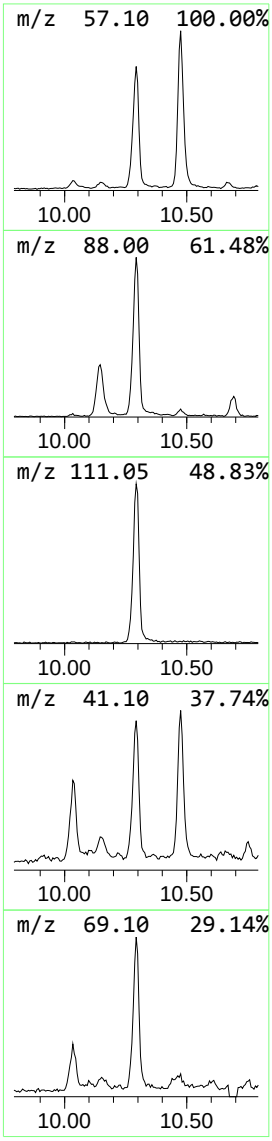
Peak Number 2 unknown10.293 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.293	4.88 ng	500092	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	35
2	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	35
3	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	25
4	Methyl propionate	88	C4H8O2	000554-12-1	22
5	pentanoic acid, 2,4,4-trimethyl-...	172	C9H16O3	1000404-62-8	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

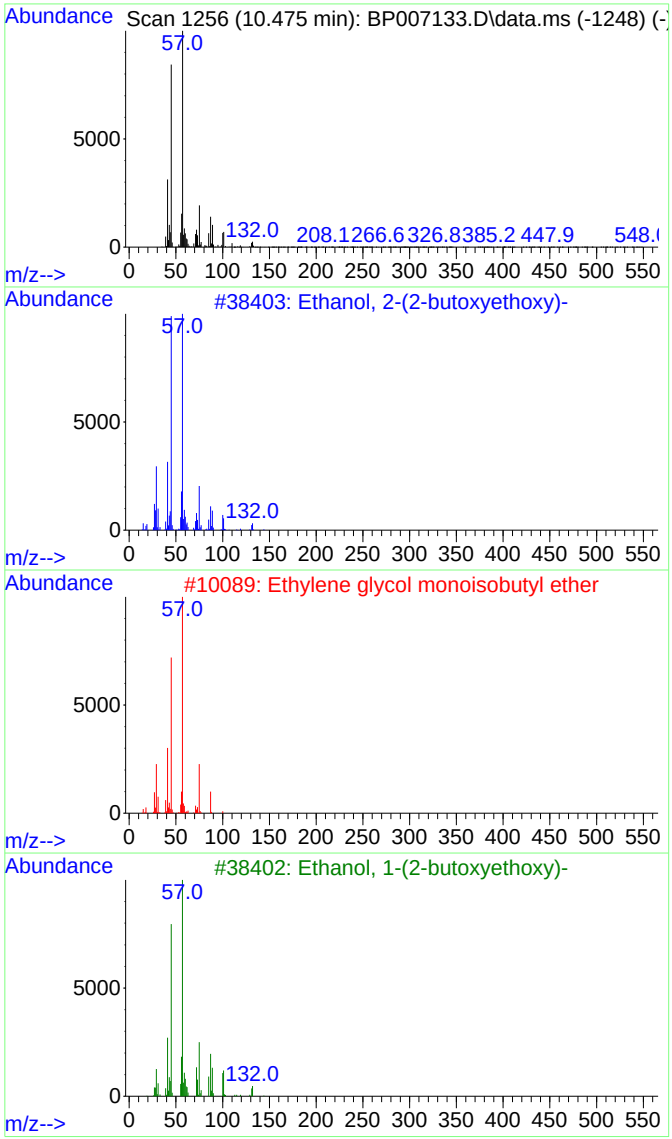
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

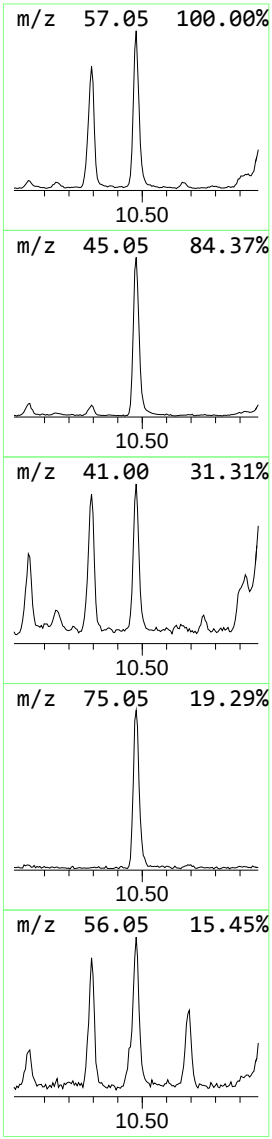
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	4.92 ng	503507	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	58
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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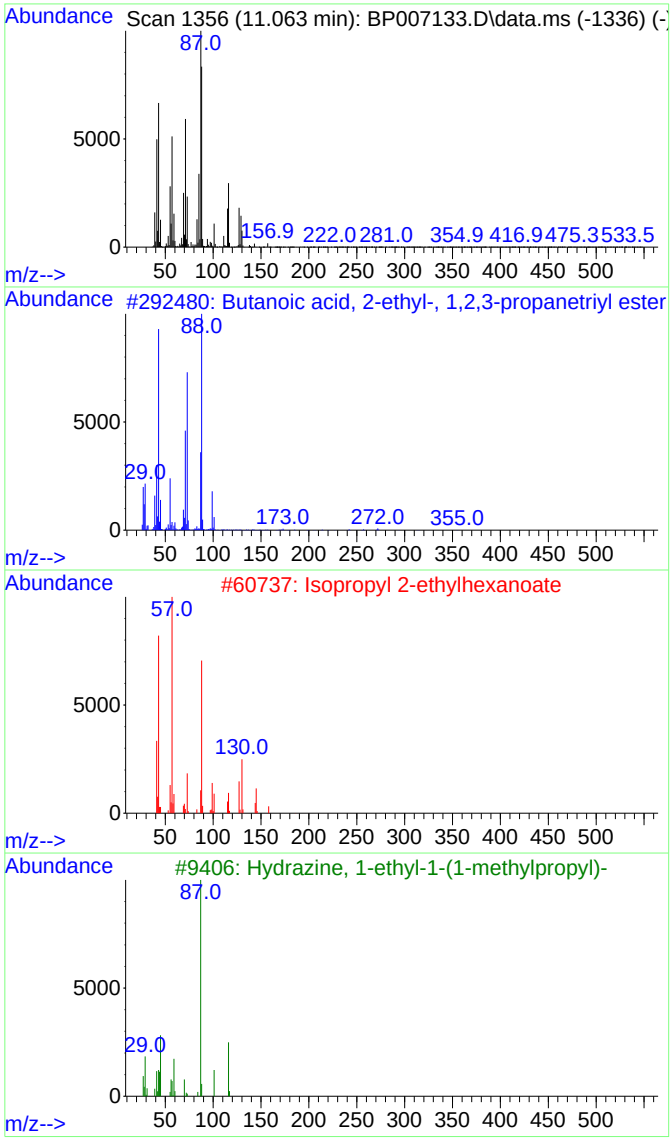
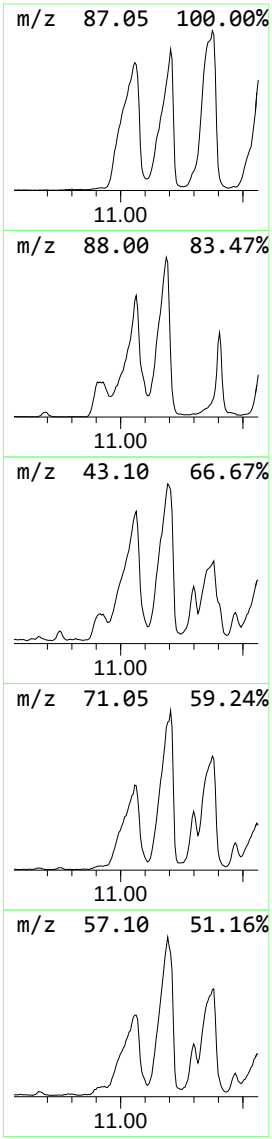
Peak Number 4 unknown11.063 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	33.07 ng	3386450	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	35
2	Isopropyl 2-ethylhexanoate	186	C11H22O2	067024-46-8	32
3	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	27
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	27
5	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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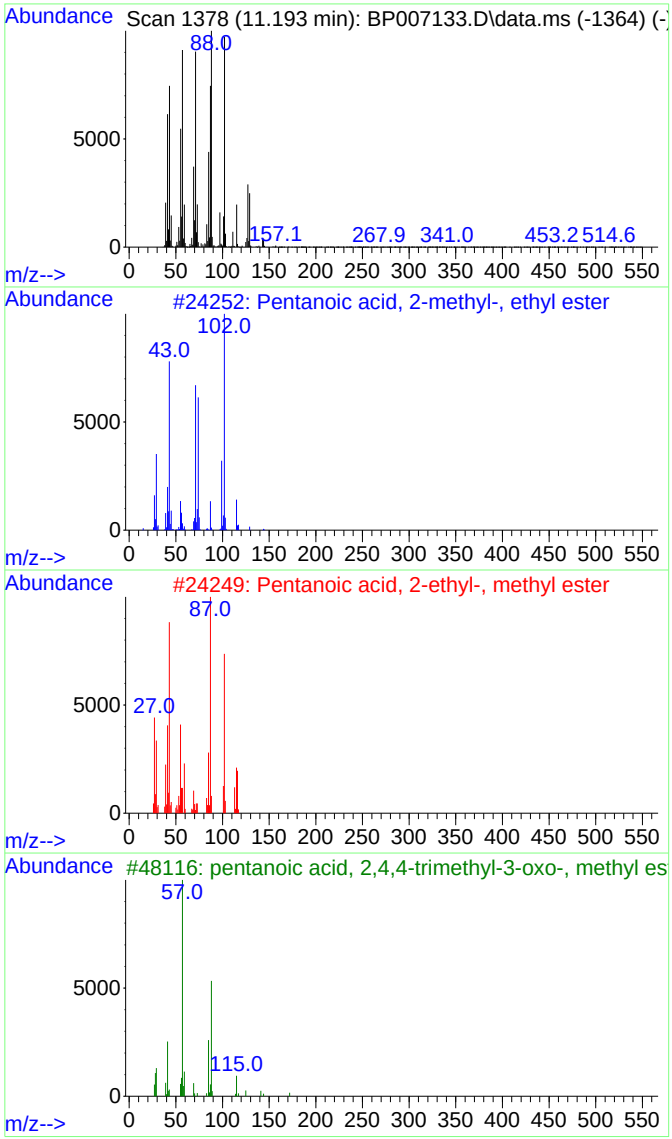
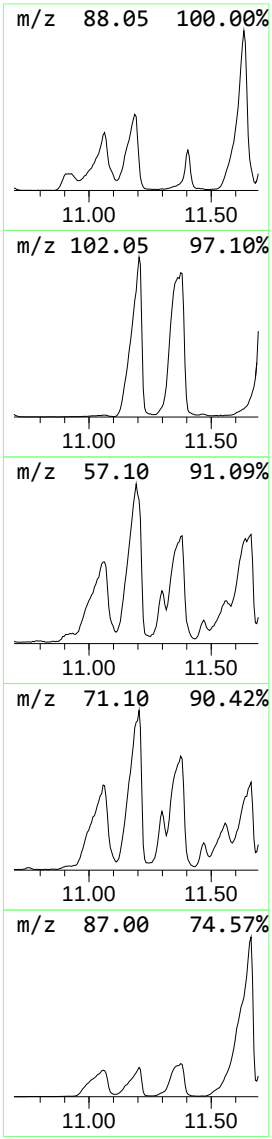
Peak Number 5 unknown11.193 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.193	46.32 ng	4743500	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-, ethyl...	144	C8H16O2	039255-32-8	35
2	Pentanoic acid, 2-ethyl-, methyl...	144	C8H16O2	000816-16-0	27
3	pentanoic acid, 2,4,4-trimethyl-...	172	C9H16O3	1000404-62-8	22
4	L-Serine, N,O-dimethyl-, methyl ...	147	C6H13NO3	1000452-63-9	22
5	Acetaldehyde isopentyl propyl ac...	174	C10H22O2	1000431-62-2	16





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Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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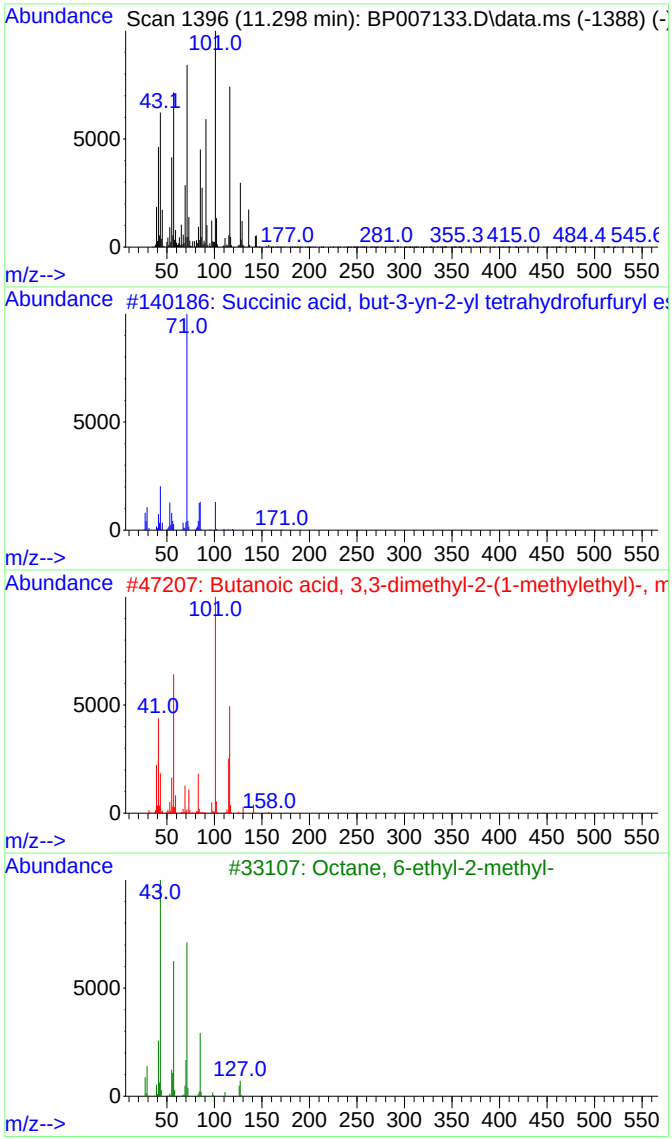
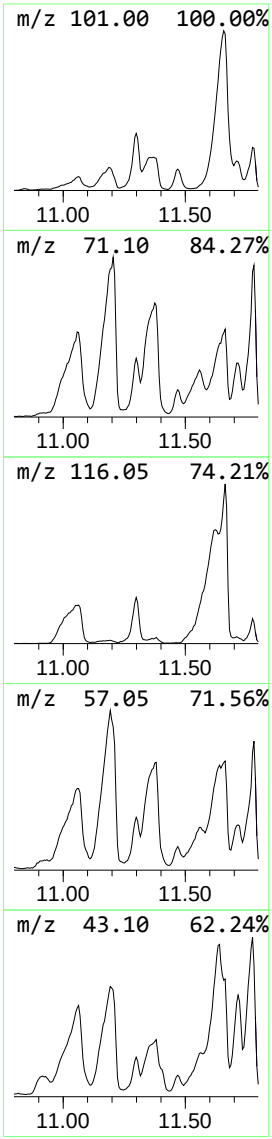
Peak Number 6 unknown11.299 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.299	8.53 ng	873390	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, but-3-yn-2-yl tet...	254	C13H18O5	1000390-71-3	43
2	Butanoic acid, 3,3-dimethyl-2-(1...	172	C10H20O2	054461-01-7	22
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	22
4	Butanoic acid, 2,3-dimethyl-2-(1...	158	C9H18O2	023119-04-2	14
5	Succinic acid, ethyl isohexyl ester	230	C12H22O4	1000324-89-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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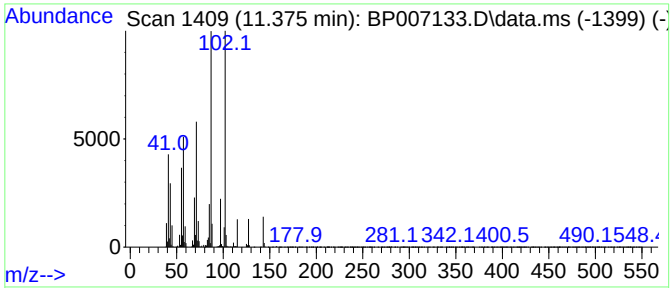
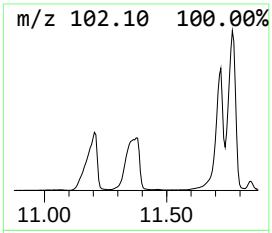
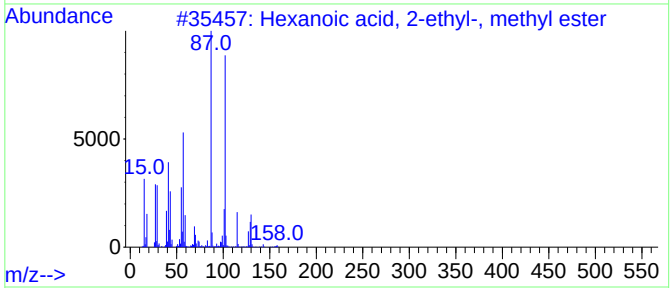
Peak Number 7 unknown11.375 Concentration Rank 6

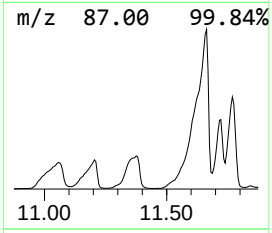
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.375	35.27 ng	3612400	Naphthalene-d8	10.693

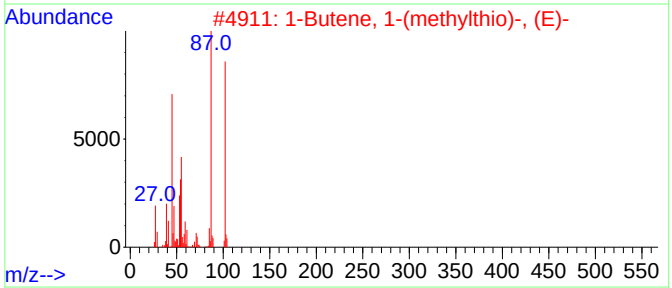
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	47
2	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	43
3	Butanoic acid, 2-ethyl-2,3,3-tri...	158	C9H18O2	038541-67-2	40
4	Butanoic acid, 2,3-dimethyl-, et...	144	C8H16O2	054004-42-1	35
5	3-Methylundecanoic acid	200	C12H24O2	065781-38-6	32

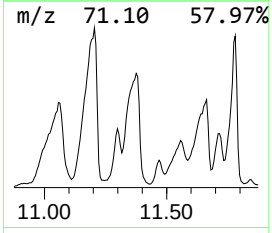


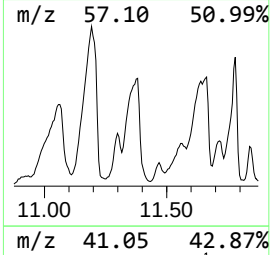


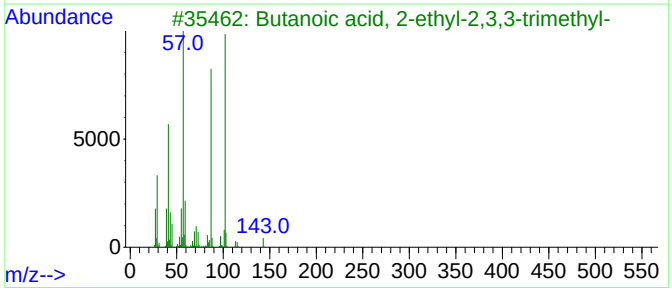


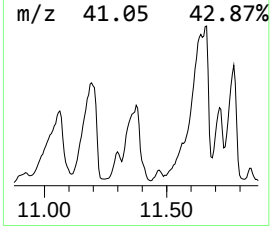












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Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

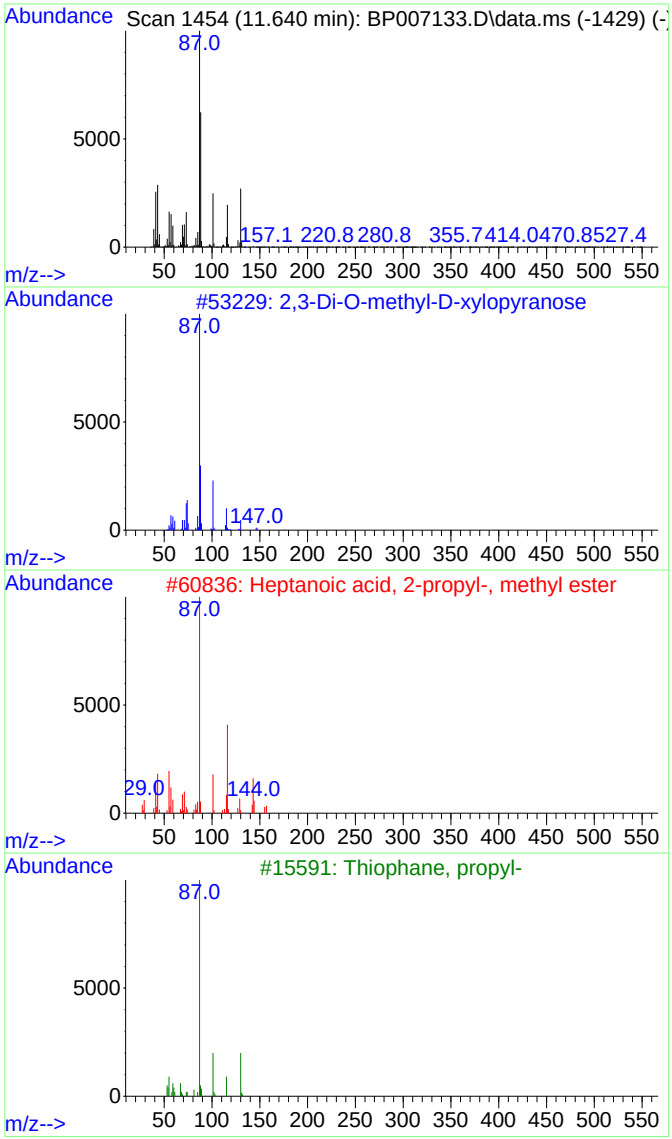
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

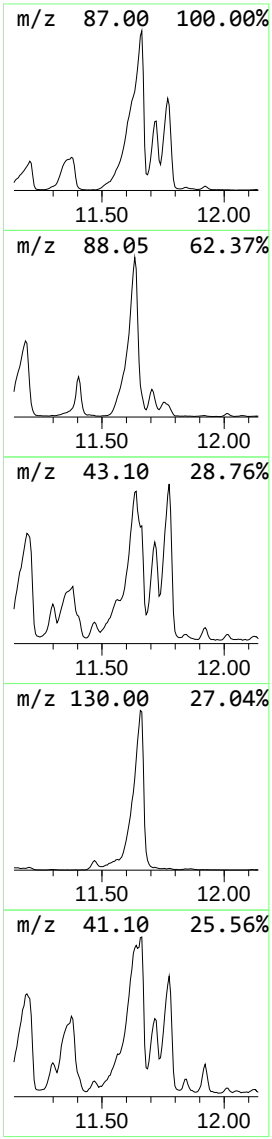
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,3-Di-O-methyl-D-xylopyranose Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	63.71 ng	6524520	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Di-O-methyl-D-xylopyranose	178	C7H14O5	018186-26-0	50
2	Heptanoic acid, 2-propyl-, methy...	186	C11H22O2	056247-53-1	47
3	Thiophane, propyl-	130	C7H14S	001551-34-4	47
4	Pivaloin	172	C10H20O2	000815-66-7	43
5	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	43





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Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

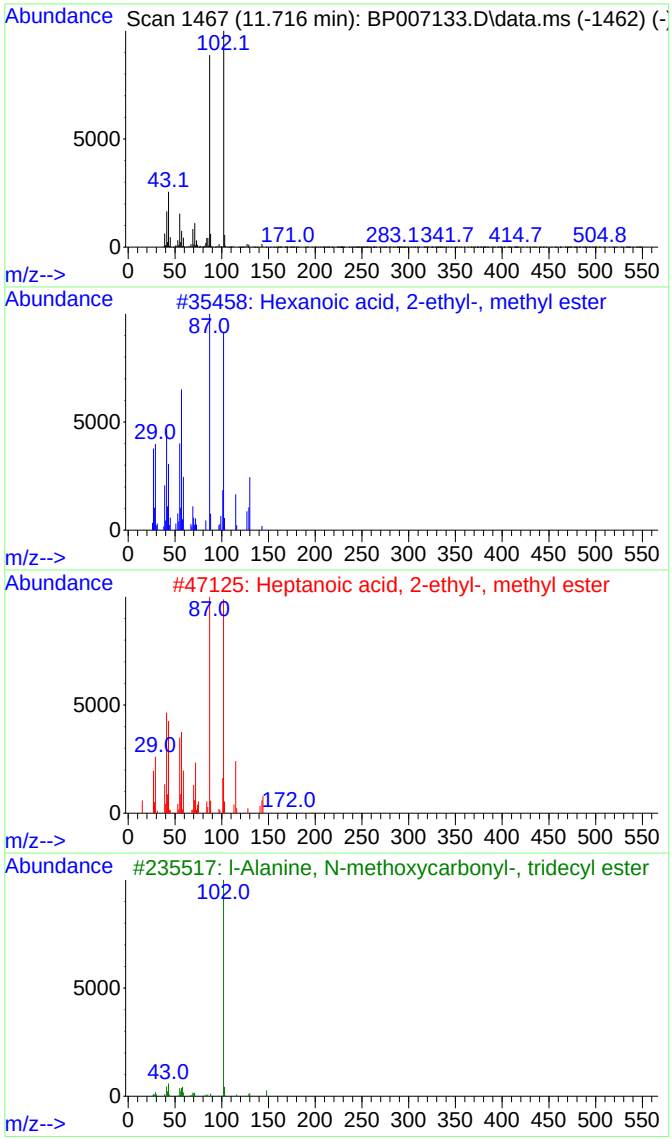
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

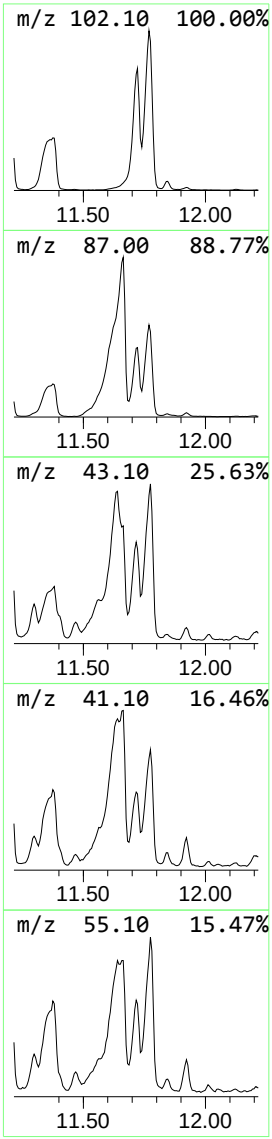
****

Peak Number 9 unknown11.716 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	14.86 ng	1521670	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	40
2	Heptanoic acid, 2-ethyl-, methyl...	172	C10H20O2	000816-63-7	40
3	l-Alanine, N-methoxycarbonyl-, t...	329	C18H35NO4	1010313-38-1	25
4	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	035007-52-4	23
5	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	23





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Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

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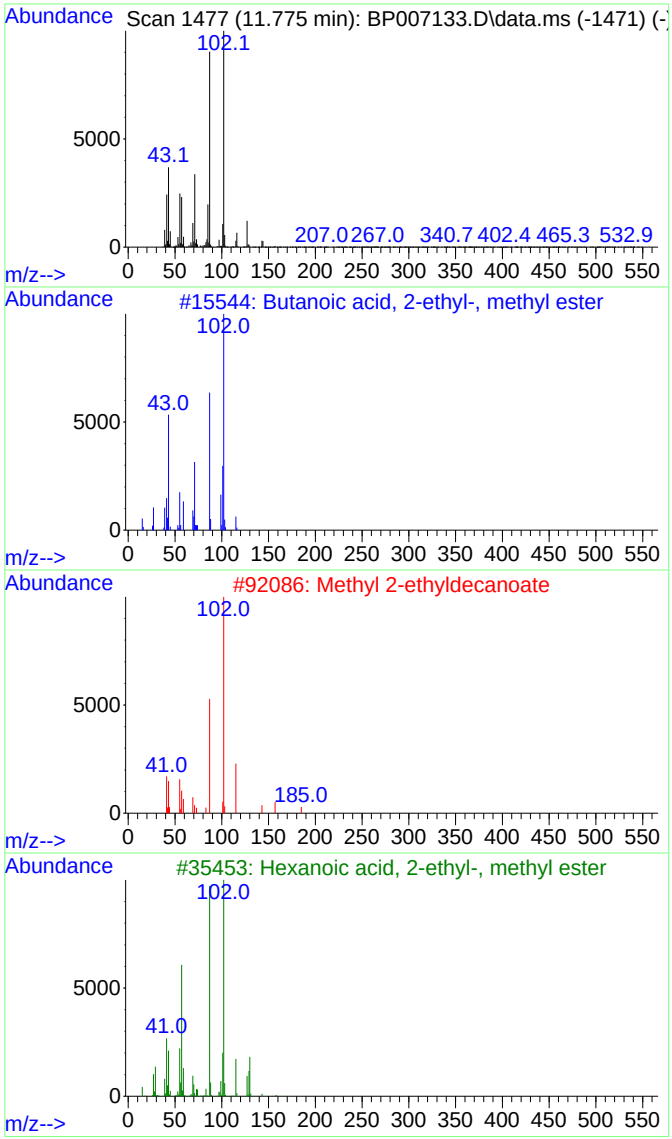
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

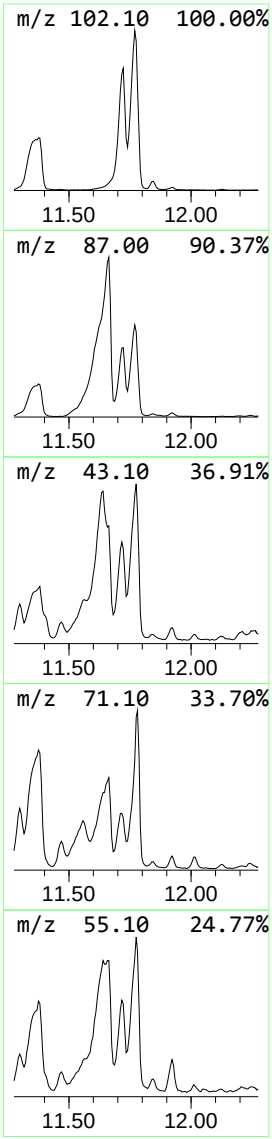
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Butanoic acid, 2-ethyl-, me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	35.58 ng	3643840	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-ethyl-, methyl ...	130	C7H14O2	000816-11-5	50
2	Methyl 2-ethyldecanoate	214	C13H26O2	020483-47-0	37
3	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	36
4	Octanoic acid, 2-methyl-, ethyl ...	186	C11H22O2	030982-02-6	23
5	Pentanoic acid, 2-ethyl-, methyl...	144	C8H16O2	000816-16-0	23





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Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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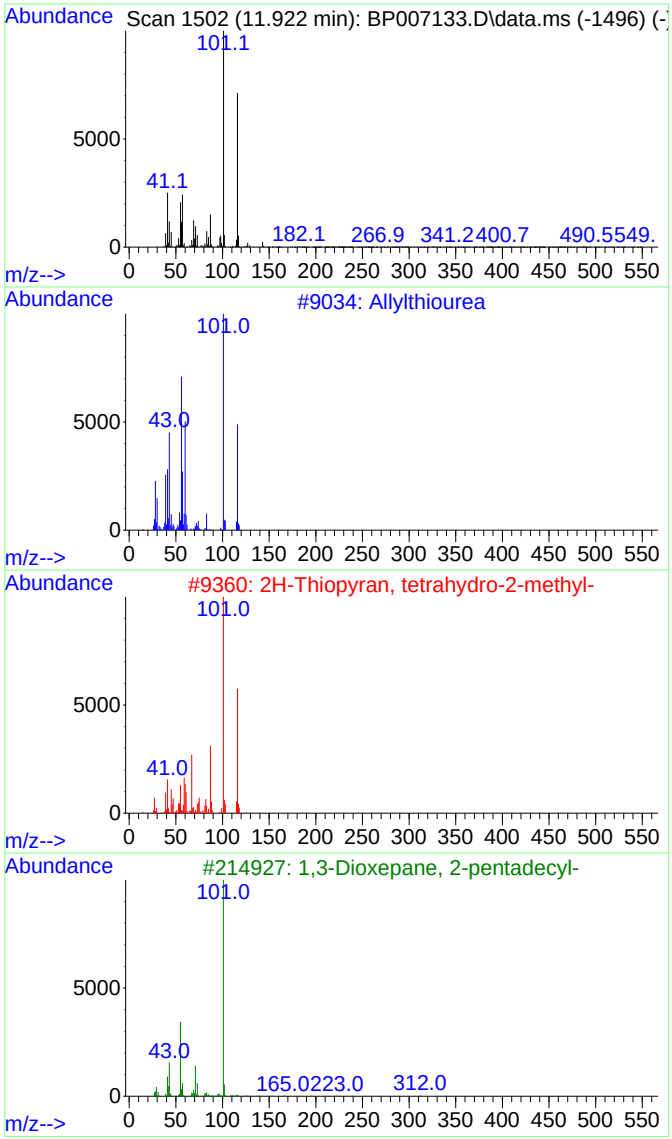
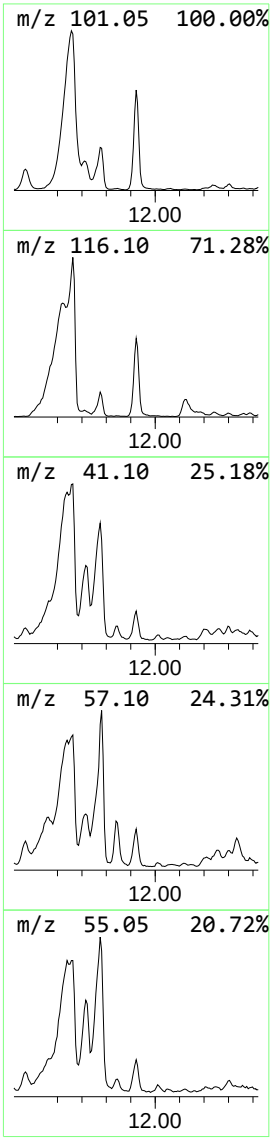
Peak Number 11 Allylthiourea Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.54 ng	567579	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allylthiourea	116	C4H8N2S	000109-57-9	59
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	50
3	1,3-Dioxepane, 2-pentadecyl-	312	C20H40O2	041563-29-5	43
4	Butanoic acid, 3,3-dimethyl-2-(1...	172	C10H20O2	054461-01-7	40
5	Succinic acid, butyl tetradecyl ...	370	C22H42O4	1000324-86-4	40





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Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

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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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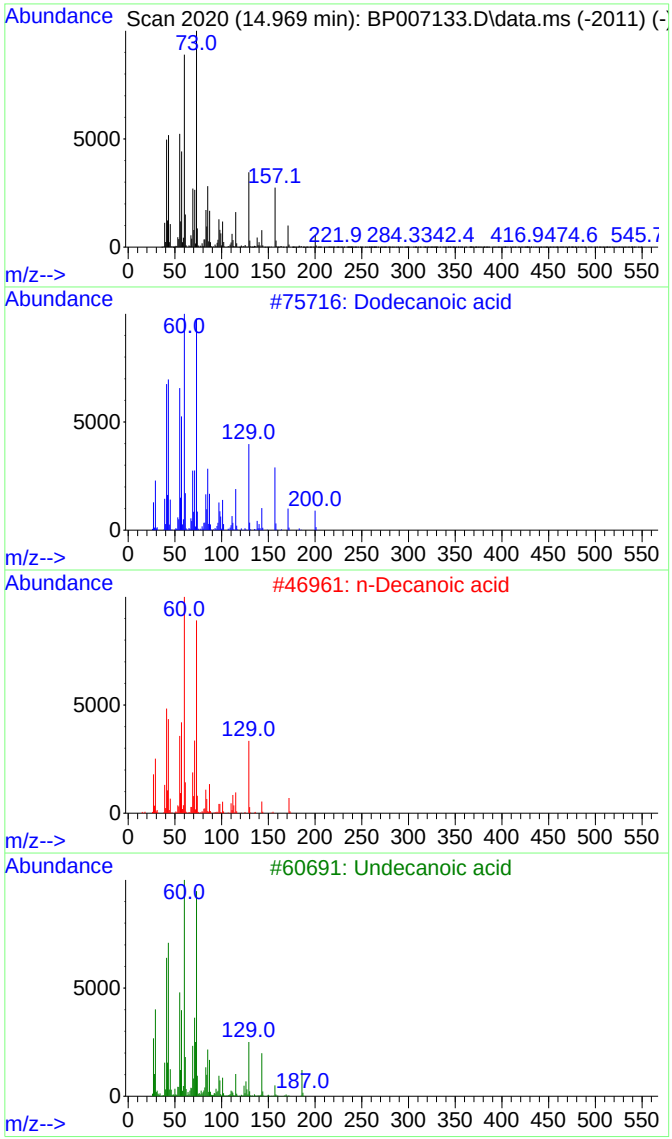
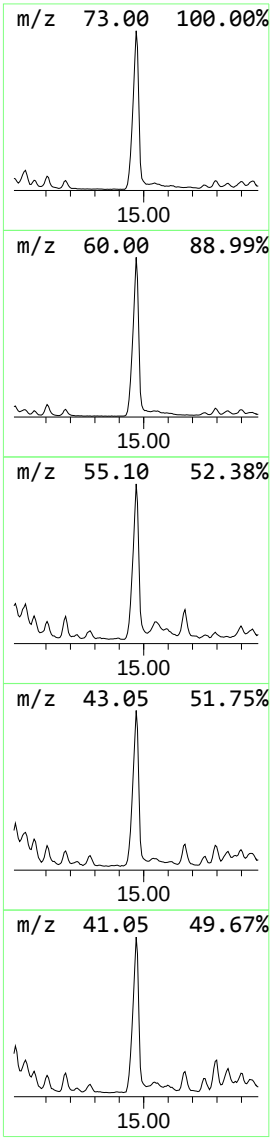
Peak Number 12 Dodecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	21.02 ng	5060430	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Undecanoic acid	186	C11H22O2	000112-37-8	59
4	Nonanoic acid	158	C9H18O2	000112-05-0	50
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





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Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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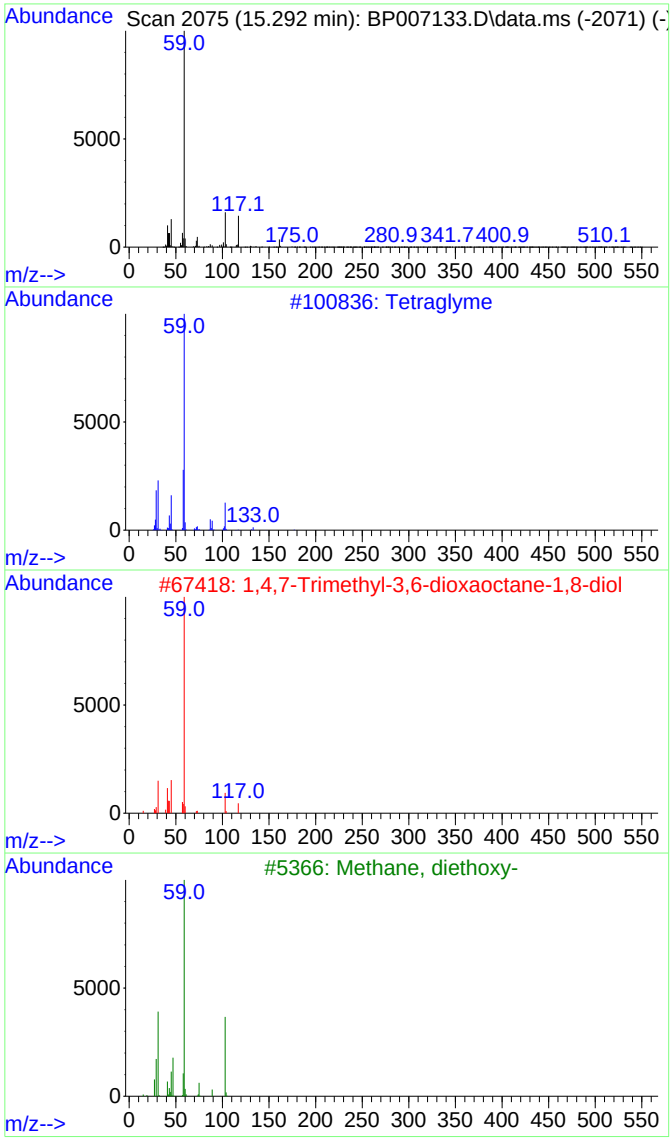
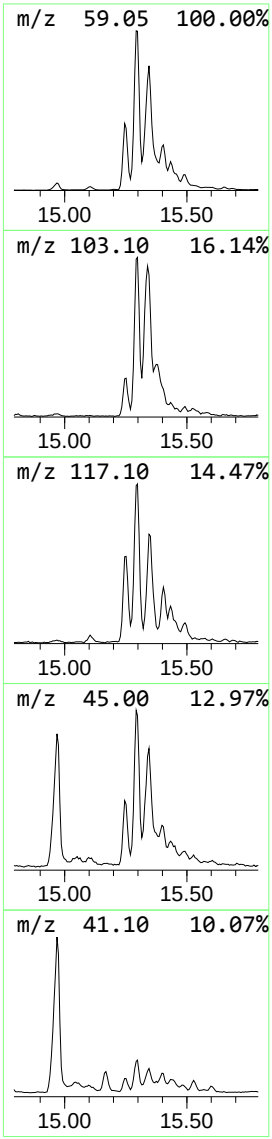
Peak Number 13 Tetraglyme Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	4.69 ng	1130070	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraglyme	222	C10H22O5	000143-24-8	72
2	1,4,7-Trimethyl-3,6-dioxaoctane-...	192	C9H20O4	1000423-63-2	72
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	72
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72





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Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

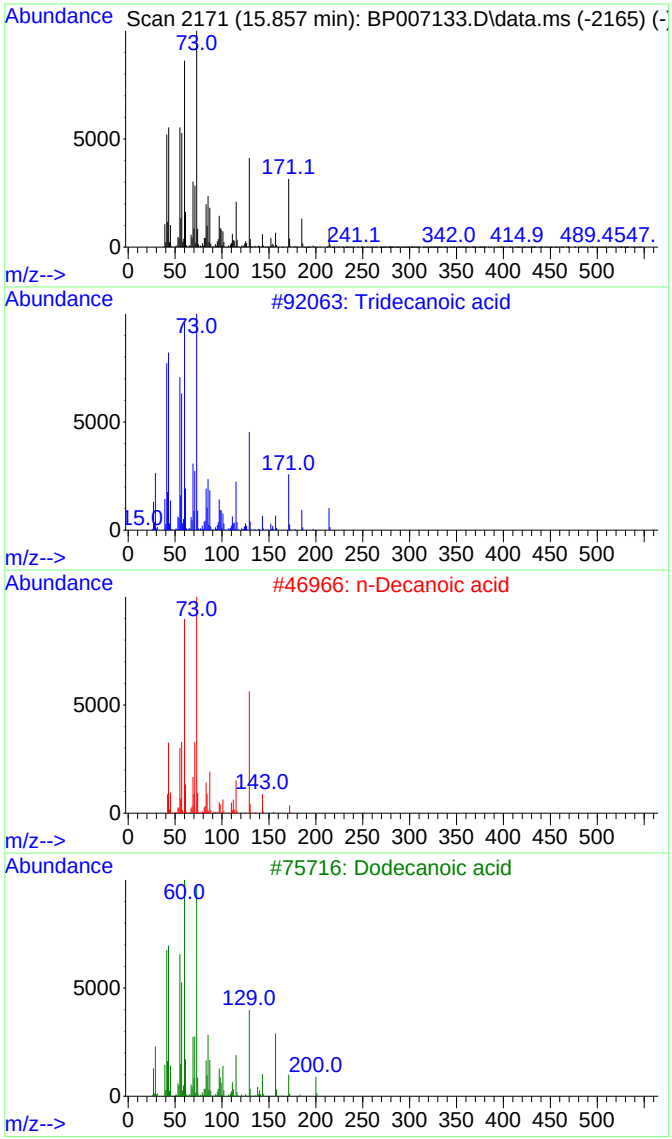
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

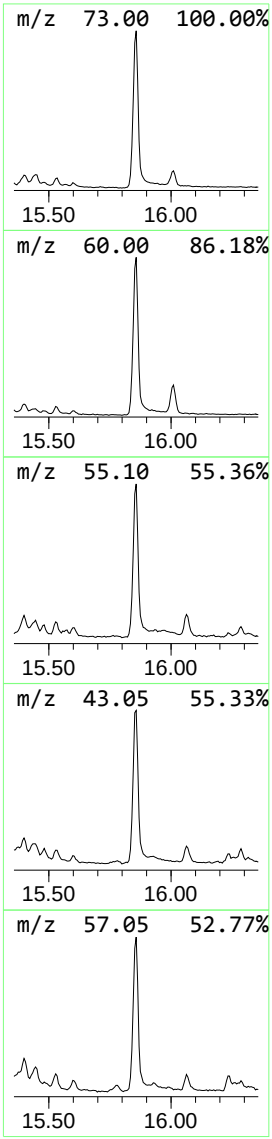
****

Peak Number 14 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	11.52 ng	2772870	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	40





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Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

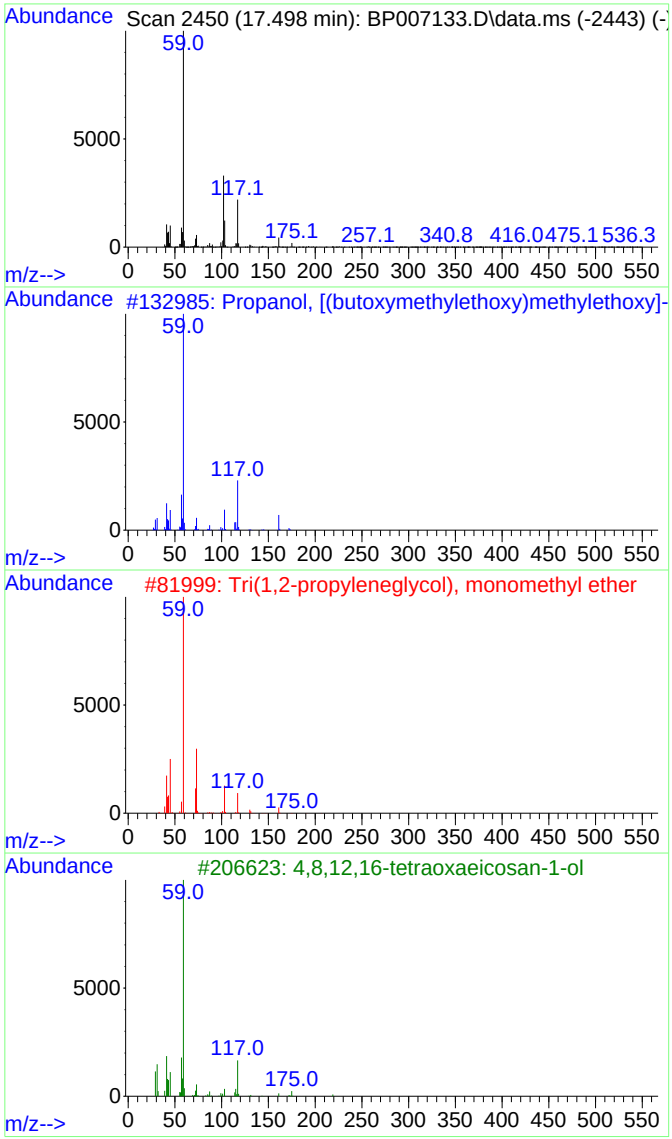
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

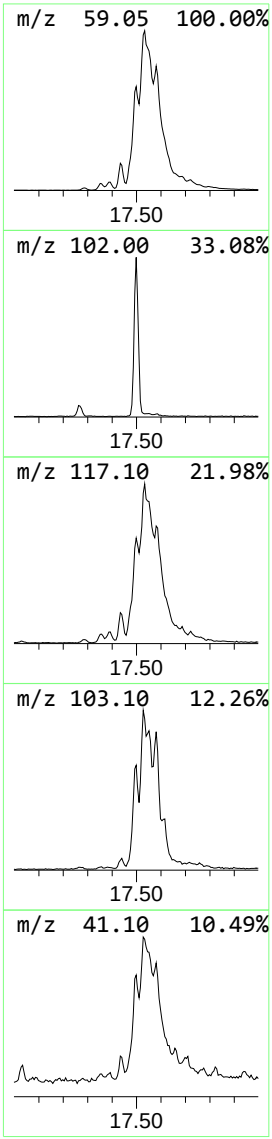
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Propanol, [(butoxymethyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.498	8.44 ng	1404670	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	59
2	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	50
3	4,8,12,16-tetraoxaeicosan-1-ol	306	C16H34O5	1010397-63-6	50
4	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	47
5	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	43





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Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

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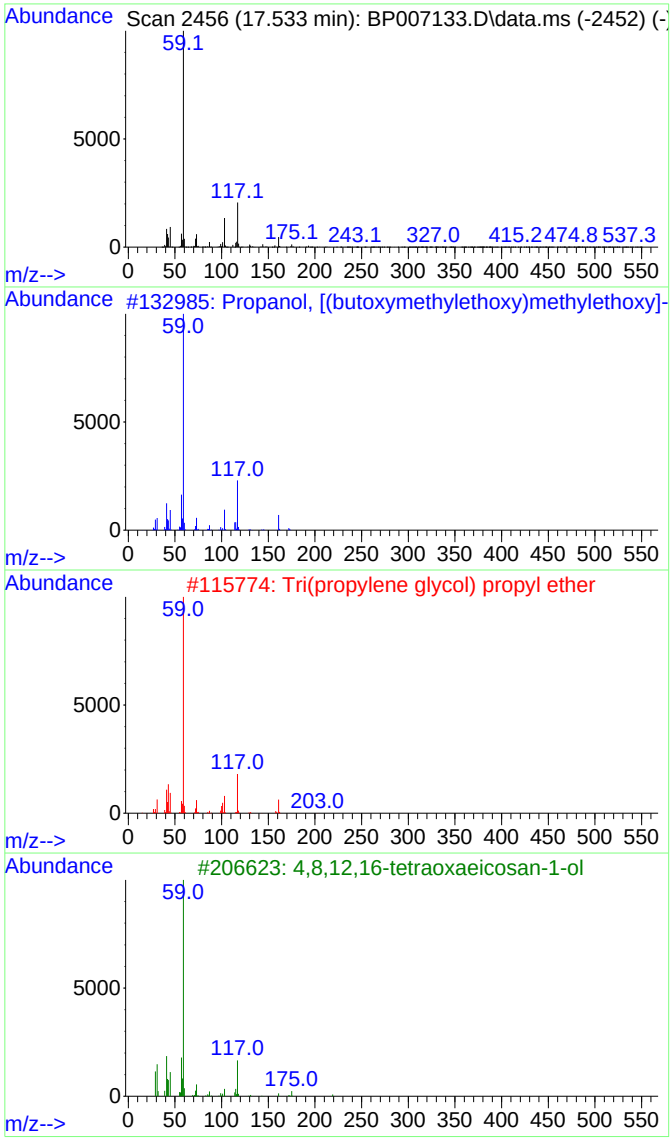
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

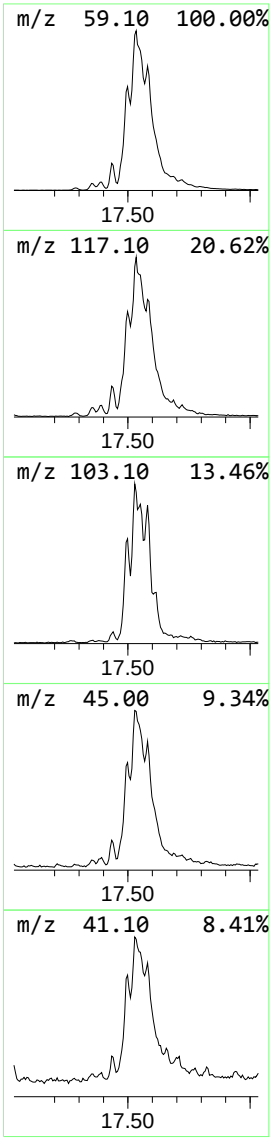
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Tri(propylene glycol) propy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.533	7.87 ng	1309270	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	74
2	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	72
3	4,8,12,16-tetraoxaeicosan-1-ol	306	C16H34O5	1010397-63-6	64
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50





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ALS Vial : 6 Sample Multiplier: 1

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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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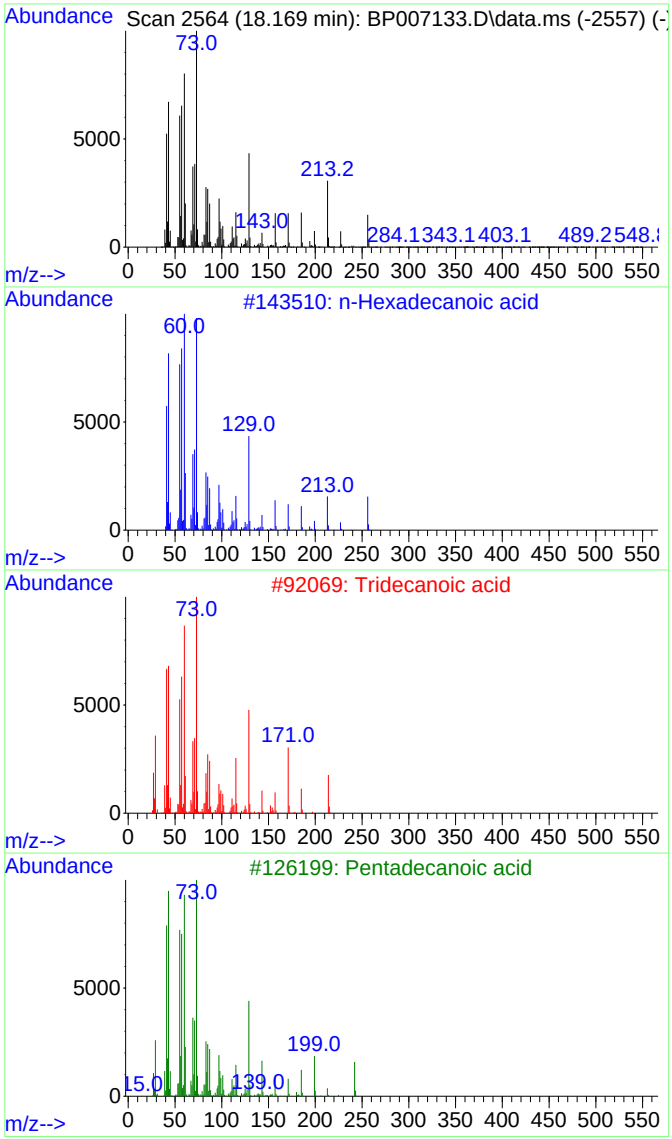
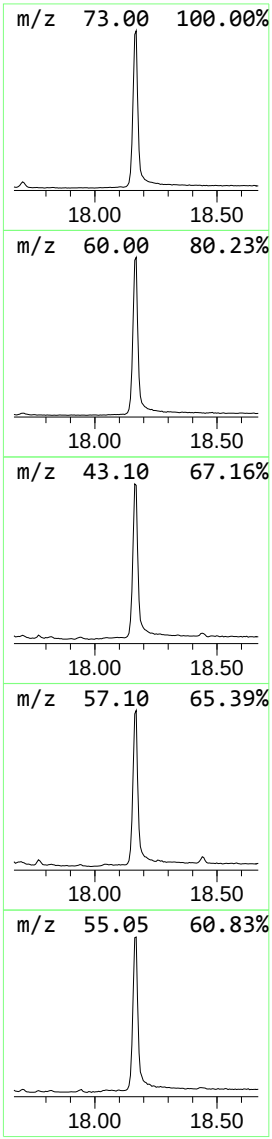
Peak Number 17 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	35.35 ng	5883970	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

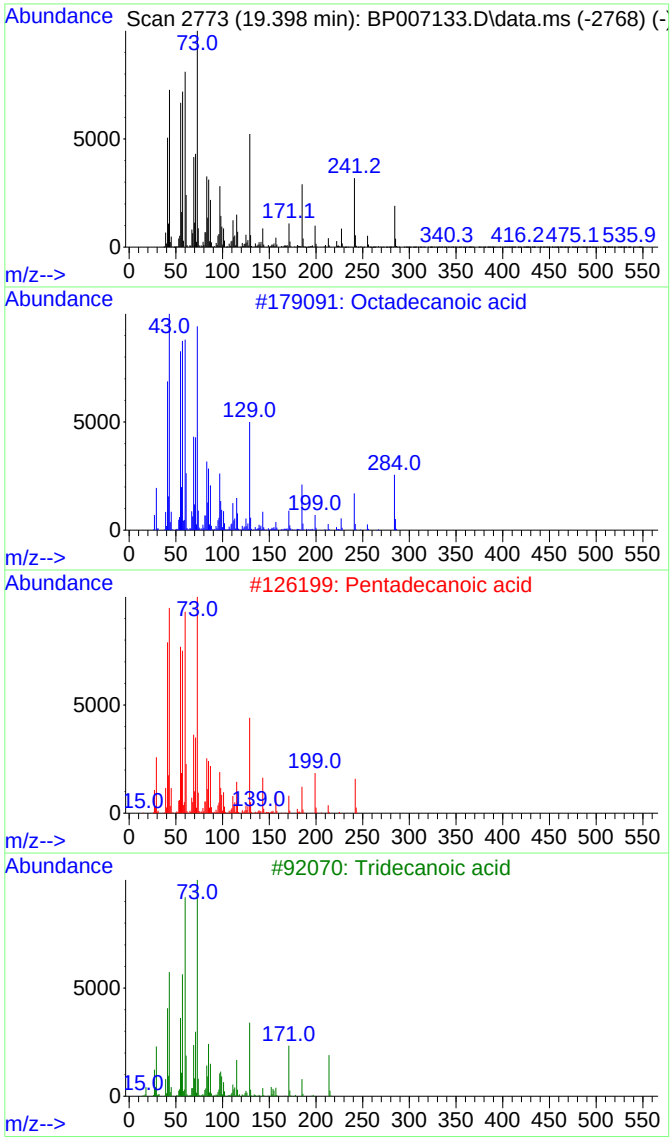
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

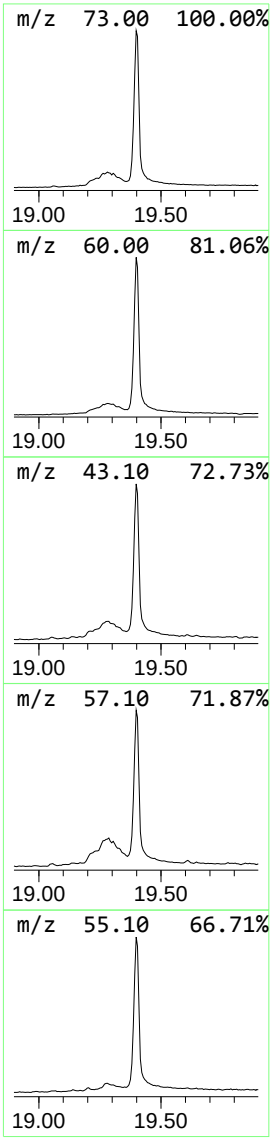
****

Peak Number 18 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	56.77 ng	11105300	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

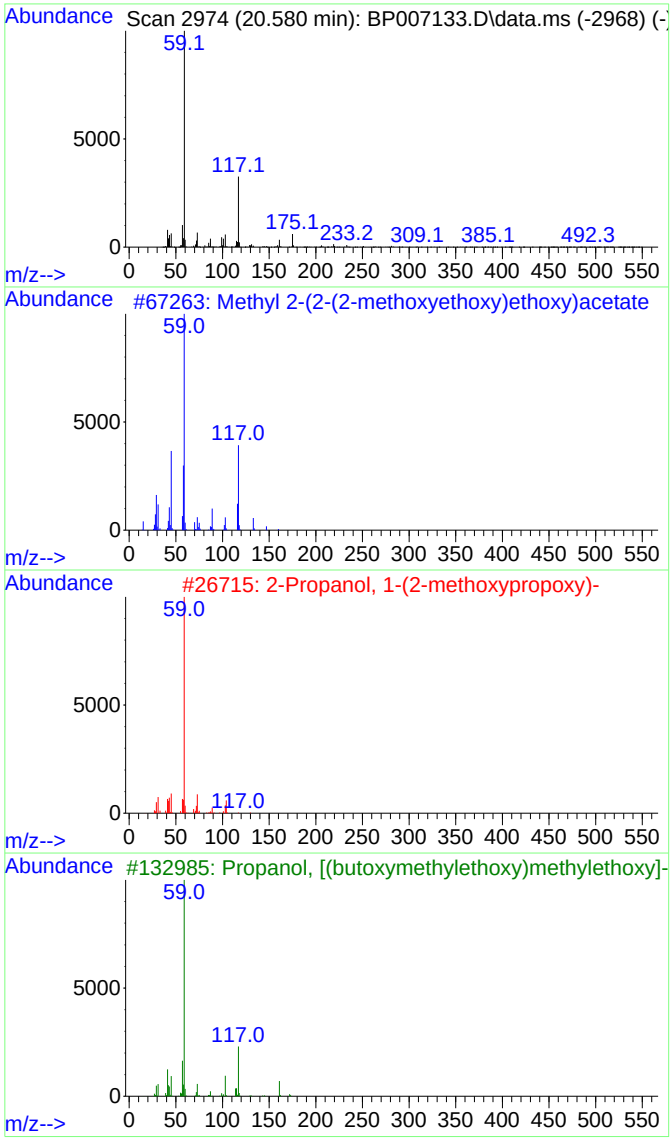
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

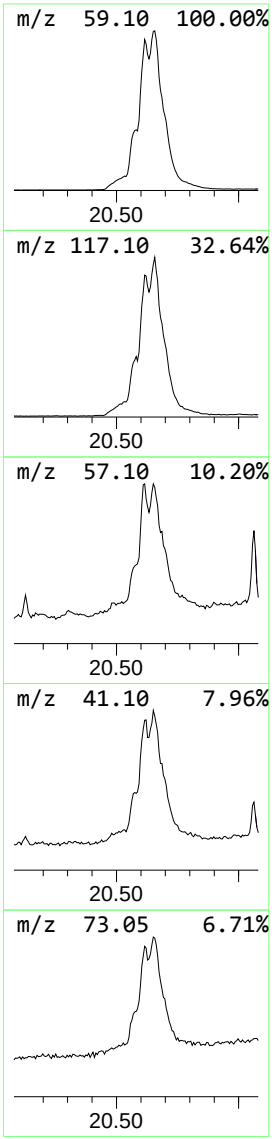
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Methyl 2-(2-(2-methoxyethox... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.580	5.63 ng	1100840	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	50
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
3	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	50
4	4,8,12,16-tetraoxaeicosan-1-ol	306	C16H34O5	1010397-63-6	43
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

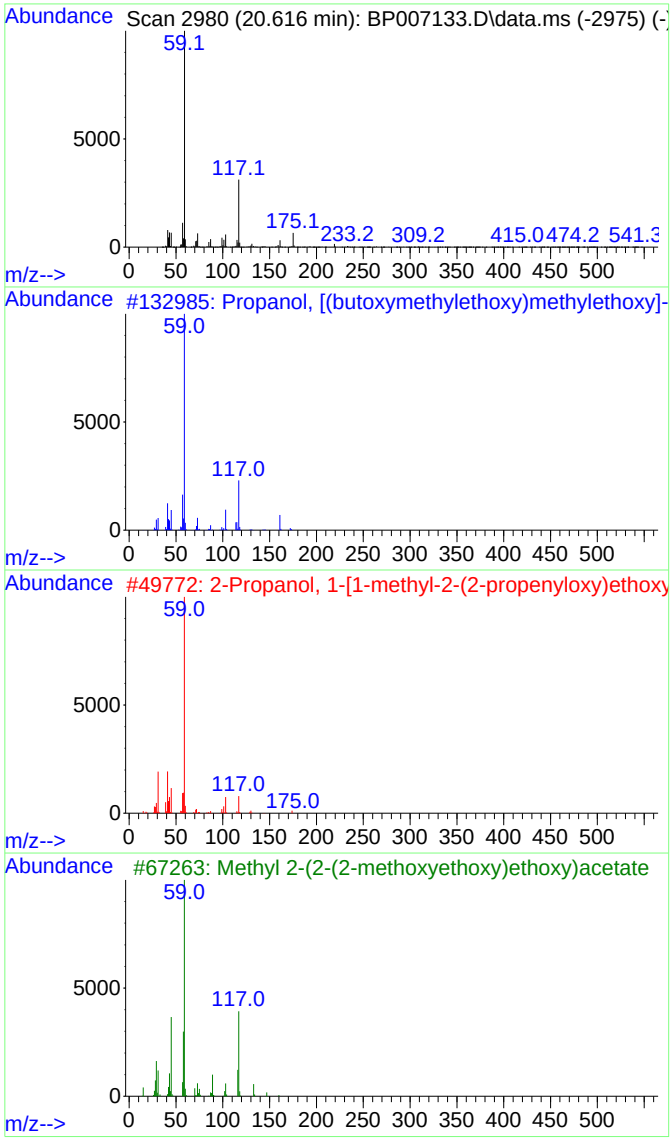
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

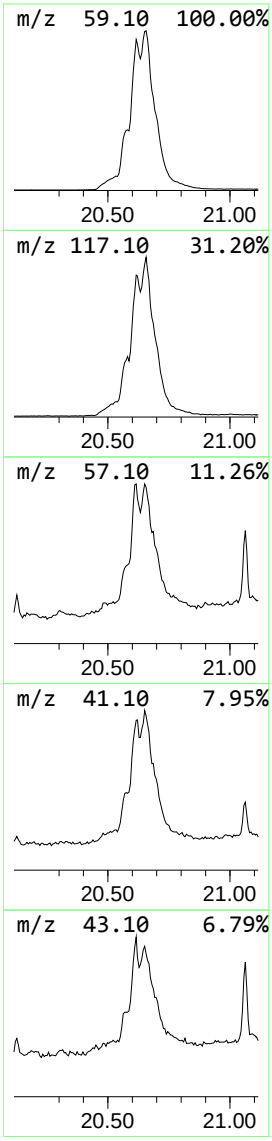
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.616	12.12 ng	2370610	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	72
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
3	Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	50
4	2-Hydroxy-2,4-dimethyl-3-pentanone	130	C7H14O2	003212-67-7	47
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007133.D
Acq On : 23 Sep 2021 19:54
Operator : CG/JU
Sample : M3875-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20883

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Butanoic acid, ...	4.787	5.2	ng	378606	1	7.893	1464540	20.0
unknown10.293	10.293	4.9	ng	500092	2	10.693	2048160	20.0
Ethanol, 2-(2-b...	10.475	4.9	ng	503507	2	10.693	2048160	20.0
unknown11.063	11.063	33.1	ng	3386450	2	10.693	2048160	20.0
unknown11.193	11.193	46.3	ng	4743500	2	10.693	2048160	20.0
unknown11.299	11.299	8.5	ng	873390	2	10.693	2048160	20.0
unknown11.375	11.375	35.3	ng	3612400	2	10.693	2048160	20.0
2,3-Di-O-methyl...	11.640	63.7	ng	6524520	2	10.693	2048160	20.0
unknown11.716	11.716	14.9	ng	1521670	2	10.693	2048160	20.0
Butanoic acid, ...	11.775	35.6	ng	3643840	2	10.693	2048160	20.0
Allylthiourea	11.922	5.5	ng	567579	2	10.693	2048160	20.0
Dodecanoic acid	14.969	21.0	ng	5060430	3	14.522	4815300	20.0
Tetraglyme	15.292	4.7	ng	1130070	3	14.522	4815300	20.0
Tridecanoic acid	15.857	11.5	ng	2772870	3	14.522	4815300	20.0
Propanol, [(but...	17.498	8.4	ng	1404670	4	17.269	3328560	20.0
Tri(propylene g...	17.533	7.9	ng	1309270	4	17.269	3328560	20.0
n-Hexadecanoic ...	18.169	35.4	ng	5883970	4	17.269	3328560	20.0
Octadecanoic acid	19.398	56.8	ng	11105300	5	21.351	3912640	20.0
Methyl 2-(2-(2-...	20.580	5.6	ng	1100840	5	21.351	3912640	20.0
2-Propanol, 1-[...	20.616	12.1	ng	2370610	5	21.351	3912640	20.0