LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

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-BP070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006188.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	395	401	427	rBV	1376770	2408894	22.28%	4.397%
2	7.057	669	675	691	rBV	1145329	2280856	21.09%	4.163%
3	7.722	777	788	795	rBV2	165191	466695	4.32%	0.852%
4	7.863	803	812	818	rBV	673111	1140224	10.55%	2.081%
5	7.940	818	825	867	rBV	4292759	10812522	100.00%	19.737%
6	9.028	1004	1010	1019	rBV	859312	1544582	14.29%	2.819%
7	9.228	1034	1044	1050	rBV4	191021	610860	5.65%	1.115%
8	9.351	1062	1065	1081	rVB8	219993	621223	5.75%	1.134%
9	10.251	1207	1218	1222	rBV5	382460	1045735	9.67%	1.909%
10	10.451	1246	1252	1257	rBV	604220	1074518	9.94%	1.961%
11	10.510	1257	1262	1274	rVB6	565293	1139744	10.54%	2.080%
12	10.663	1283	1288	1297	rVB	899301	1623203	15.01%	2.963%
13	13.122	1700	1706	1714	rVB	2669985	3696649	34.19%	6.748%
14	14.151	1876	1881	1889	rBV	5738686	7808580	72.22%	14.253%
15	14.222	1890	1893	1899	rVV3	300801	544653	5.04%	0.994%
16	14.322	1906	1910	1916	rVB	534920	803966	7.44%	1.468%
17	14.498	1936	1940	1947	rVB	1374909	1977086	18.29%	3.609%
18	15.275	2069	2072	2076	rBV	466331	624213	5.77%	1.139%
19	16.004	2192	2196	2207	rBV	772305	1939685	17.94%	3.541%
20	16.792	2325	2330	2346	rBV	2334696	7387568	68.32%	13.485%
21	17.063	2371	2376	2390	rBV	1819591	5232568	48.39%	9.551%

Sum of corrected areas: 54784024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
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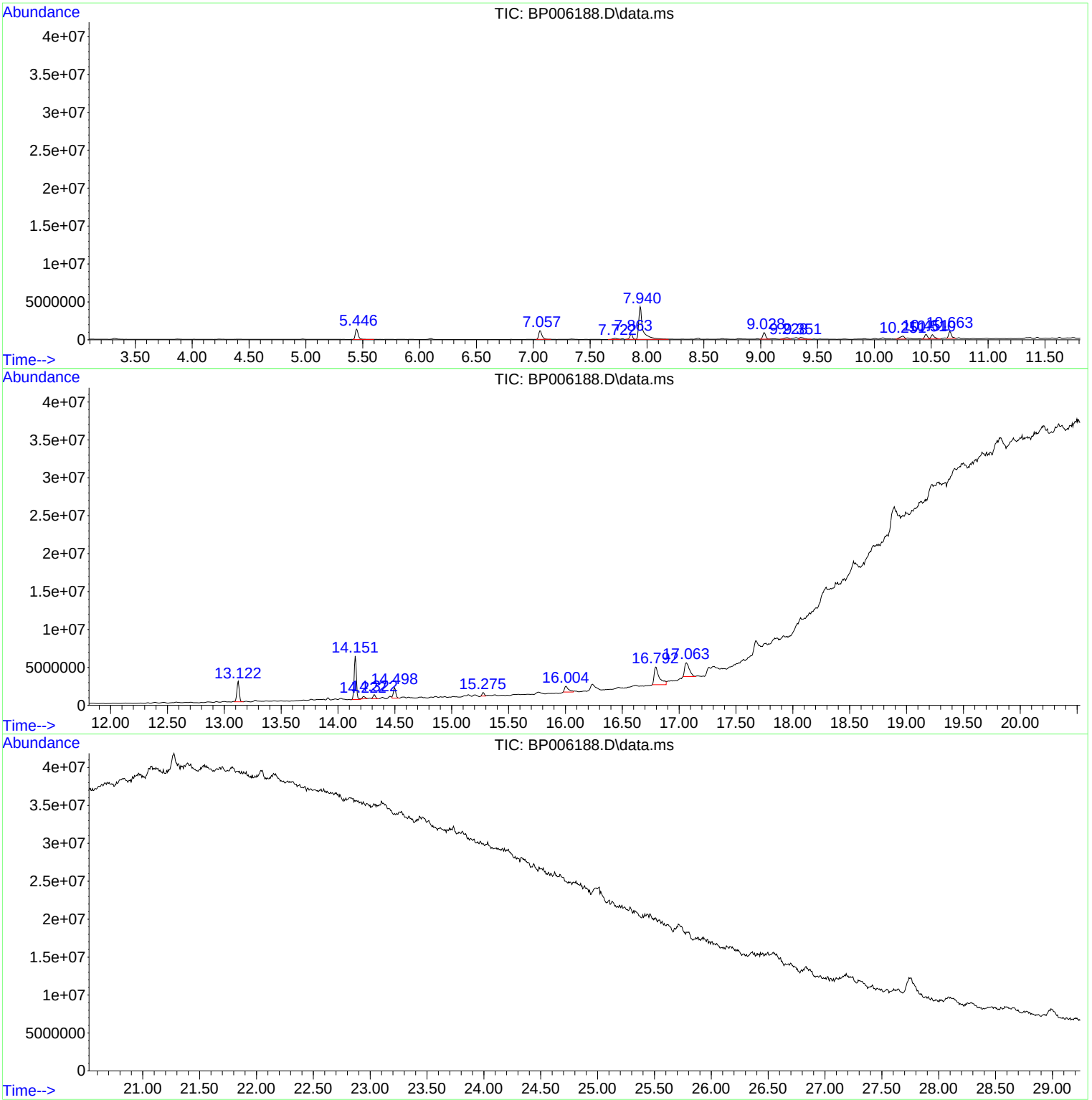
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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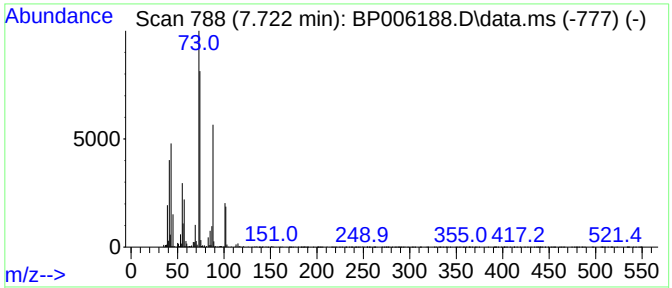
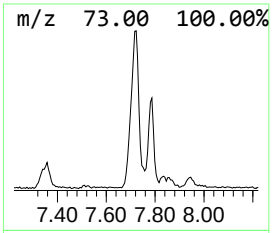
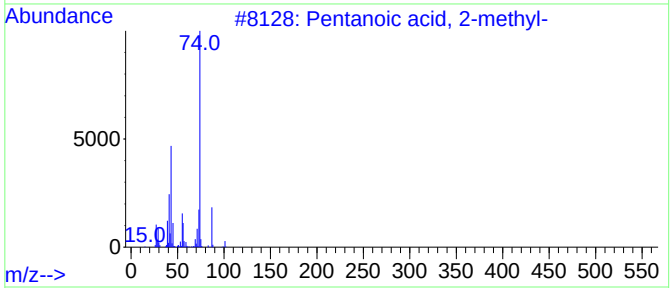
Peak Number 1 unknown7.722 Concentration Rank 9

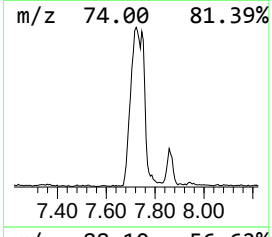
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	8.19 ng	466695	1,4-Dichlorobenzene-d4	7.863

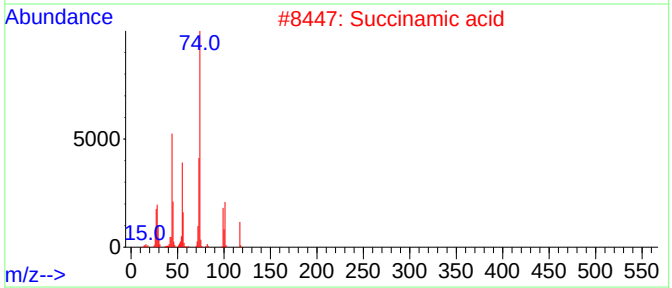
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	43
2	Succinamic acid	117	C4H7NO3	000638-32-4	38
3	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	38
4	Pentanoic acid, 2-methyl-, butyl...	172	C10H20O2	006297-41-2	32
5	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	32

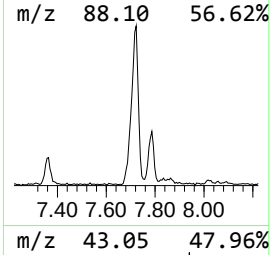


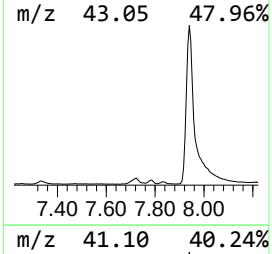


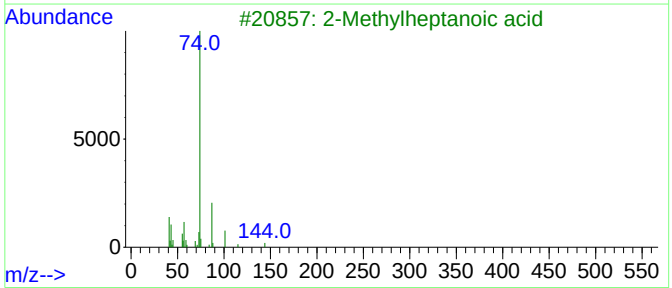


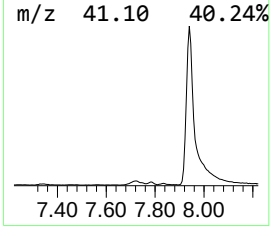












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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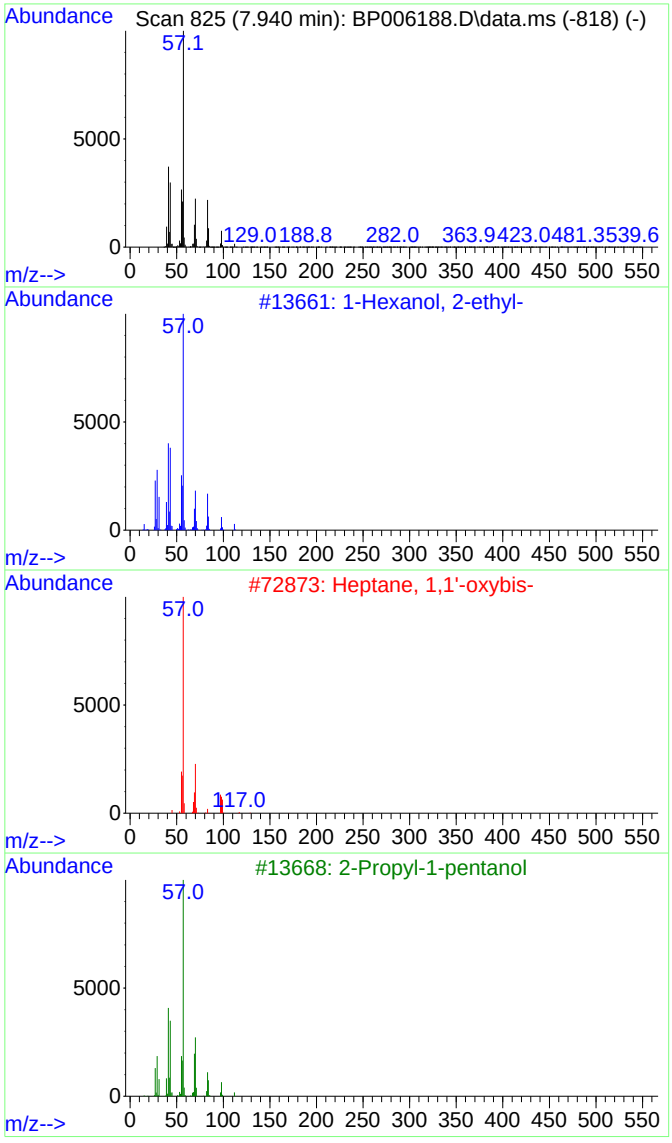
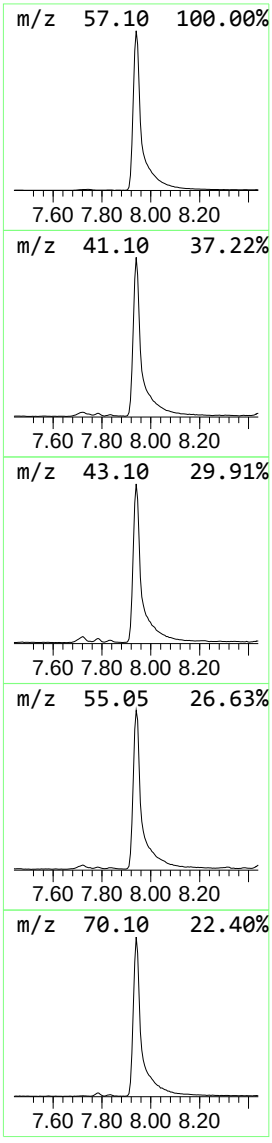
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.940	189.66 ng	10812500	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	47





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Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

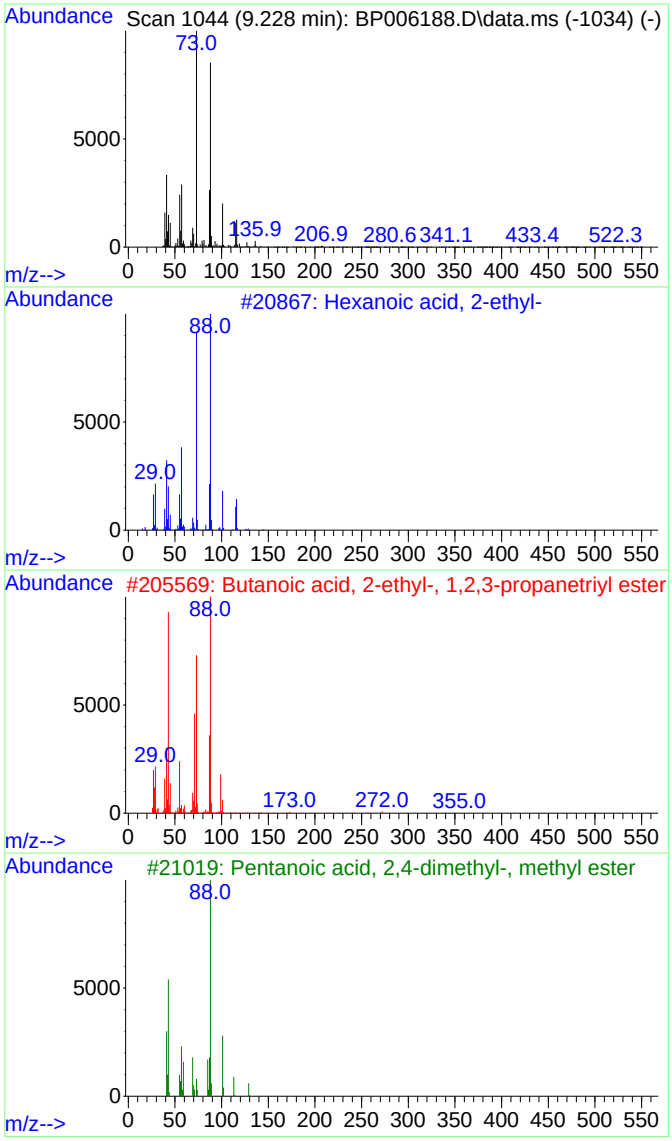
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

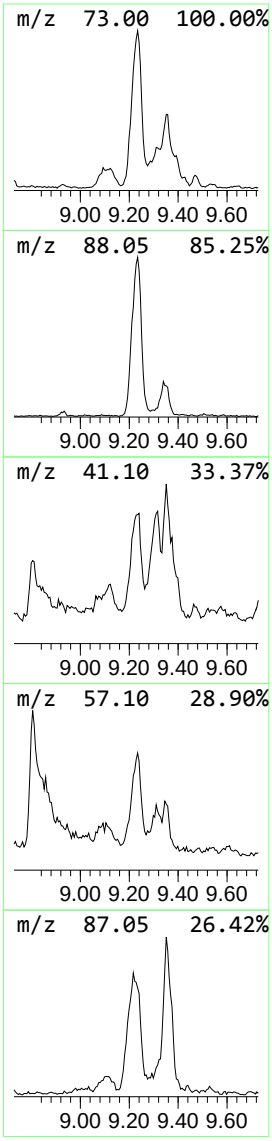
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	10.71 ng	610860	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	50
4	1,4-Dioxane	88	C4H8O2	000123-91-1	43
5	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

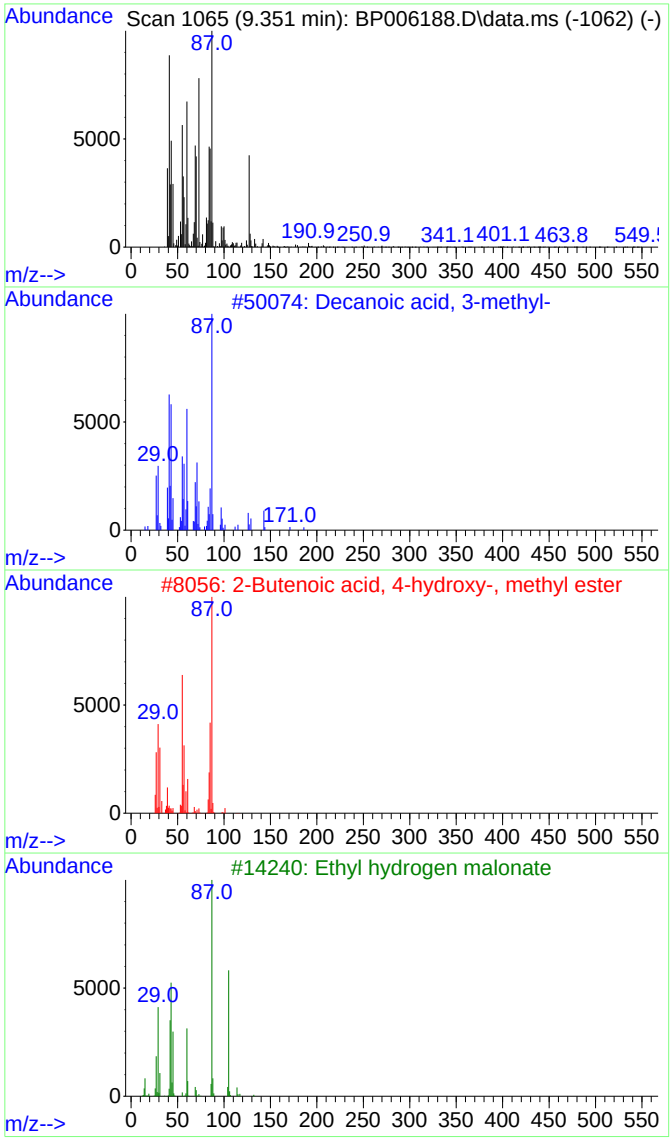
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

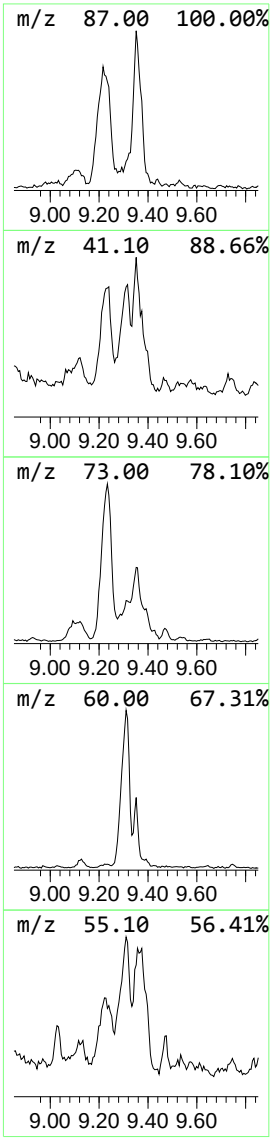
****

Peak Number 4 unknown9.351 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	7.65 ng	621223	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	32
2	2-Butenoic acid, 4-hydroxy-, met...	116	C5H8O3	004508-99-0	27
3	Ethyl hydrogen malonate	132	C5H8O4	001071-46-1	27
4	Octanoyl chloride	162	C8H15ClO	000111-64-8	14
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	12





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Data File : BP006188.D
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Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

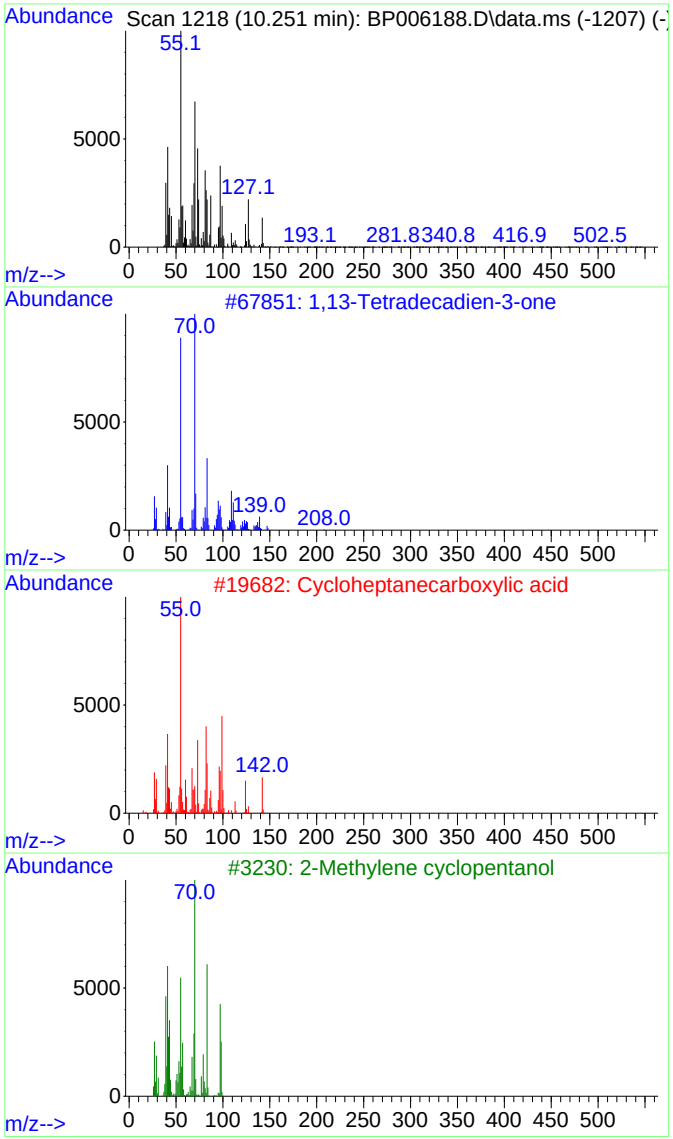
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

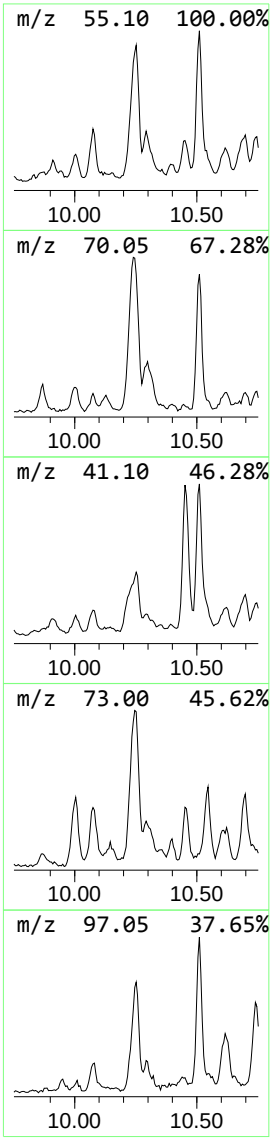
****

Peak Number 5 unknown10.251 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	12.88 ng	1045740	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,13-Tetradecadien-3-one	208	C14H24O	058879-40-6	35
2	Cycloheptanecarboxylic acid	142	C8H14O2	001460-16-8	25
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	22
4	Acetamide, N-(3-methyl-2-buten-1...	127	C7H13NO	073286-69-8	14
5	1-Methylcyclohexylcarboxylic acid	142	C8H14O2	001123-25-7	14





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Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

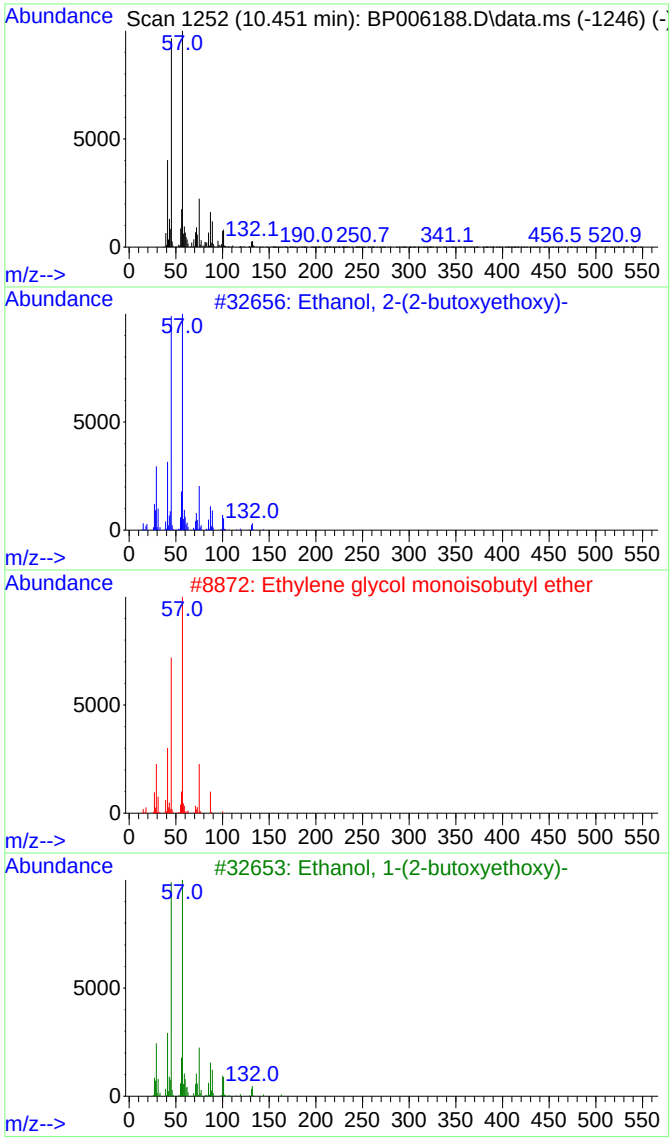
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

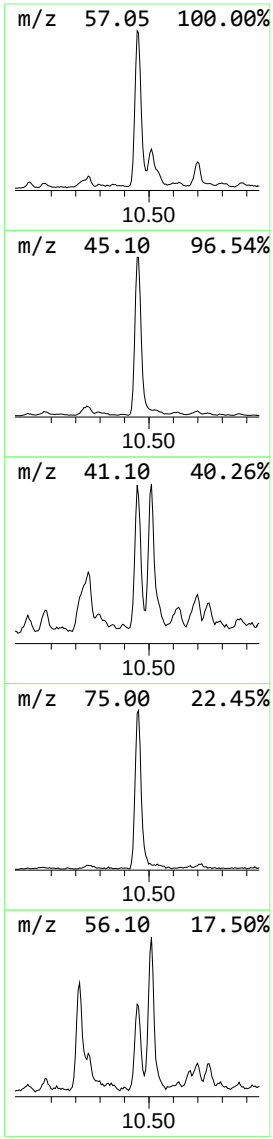
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	13.24 ng	1074520	Naphthalene-d8	10.663

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	59
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	49
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	47





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Data File : BP006188.D
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Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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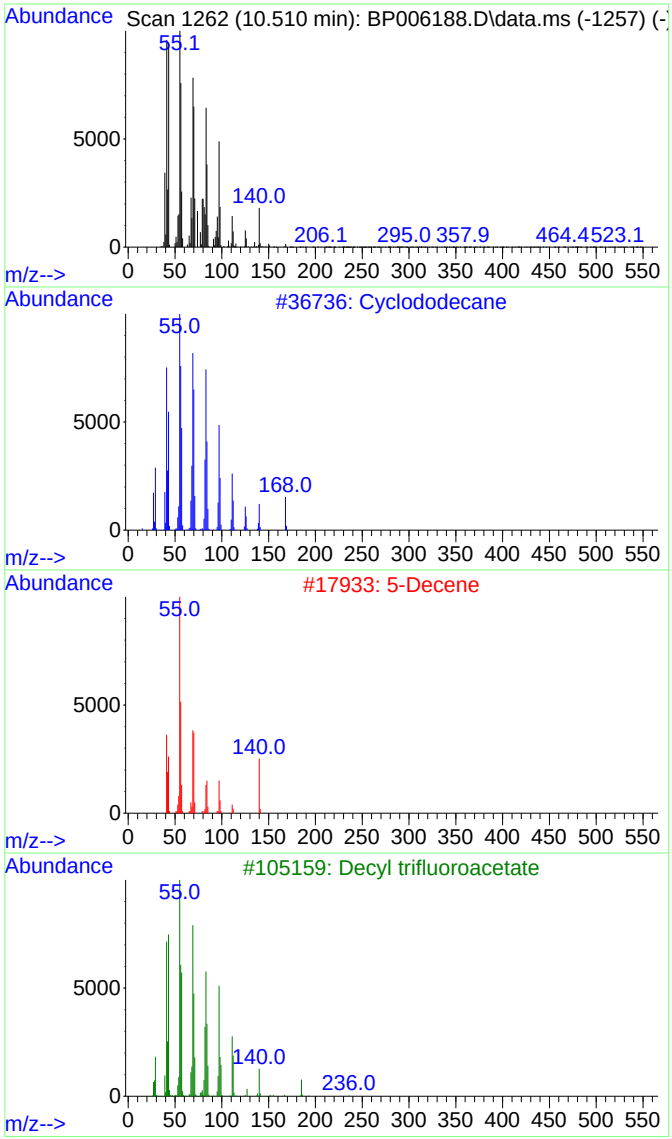
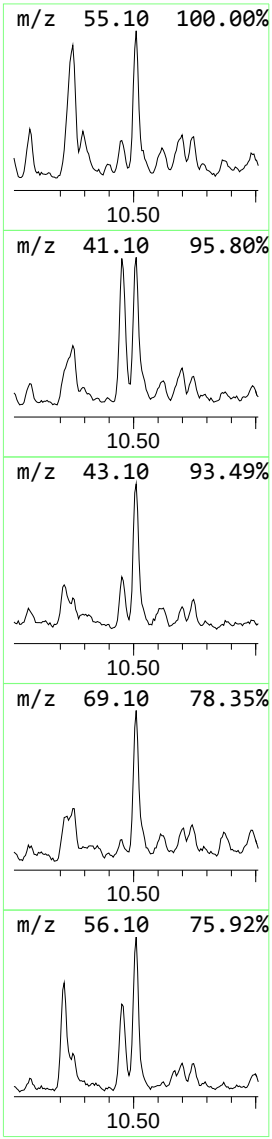
****

Peak Number 7 Cyclododecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	14.04 ng	1139740	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	91
2	5-Decene	140	C10H20	019689-19-1	90
3	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	87
4	cis-3-Decene	140	C10H20	019398-86-8	76
5	1-Decene	140	C10H20	000872-05-9	72





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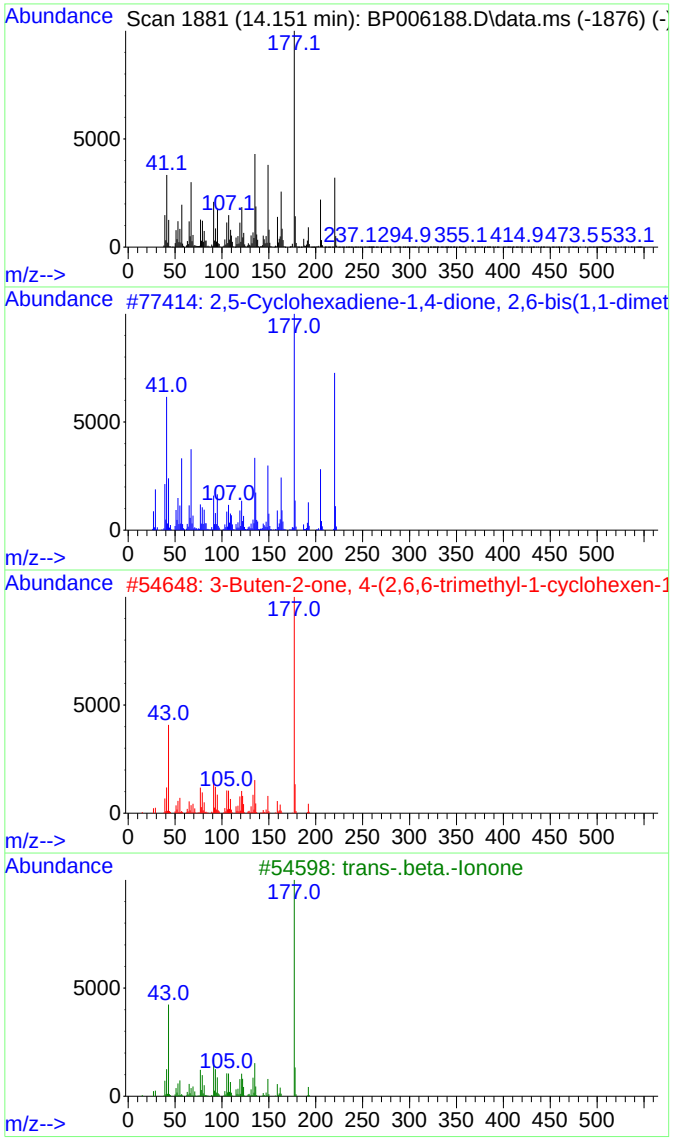
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

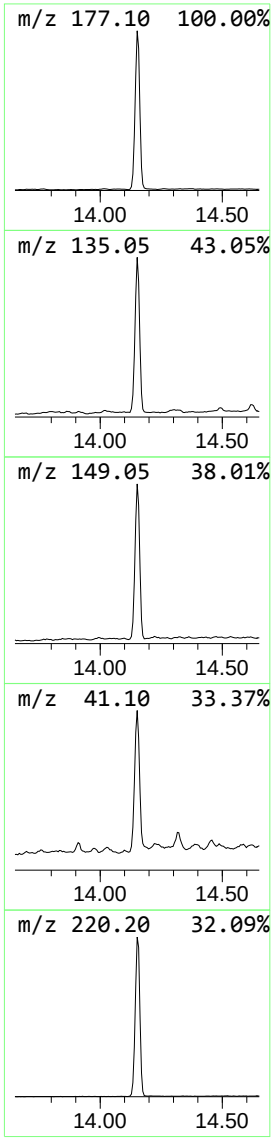
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	78.99 ng	7808580	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
2	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	50
3	trans-.beta.-Ionone	192	C13H20O	000079-77-6	50
4	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	47
5	2H-1-Benzopyran, 3,5,6,8a-tetrah...	192	C13H20O	041678-29-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
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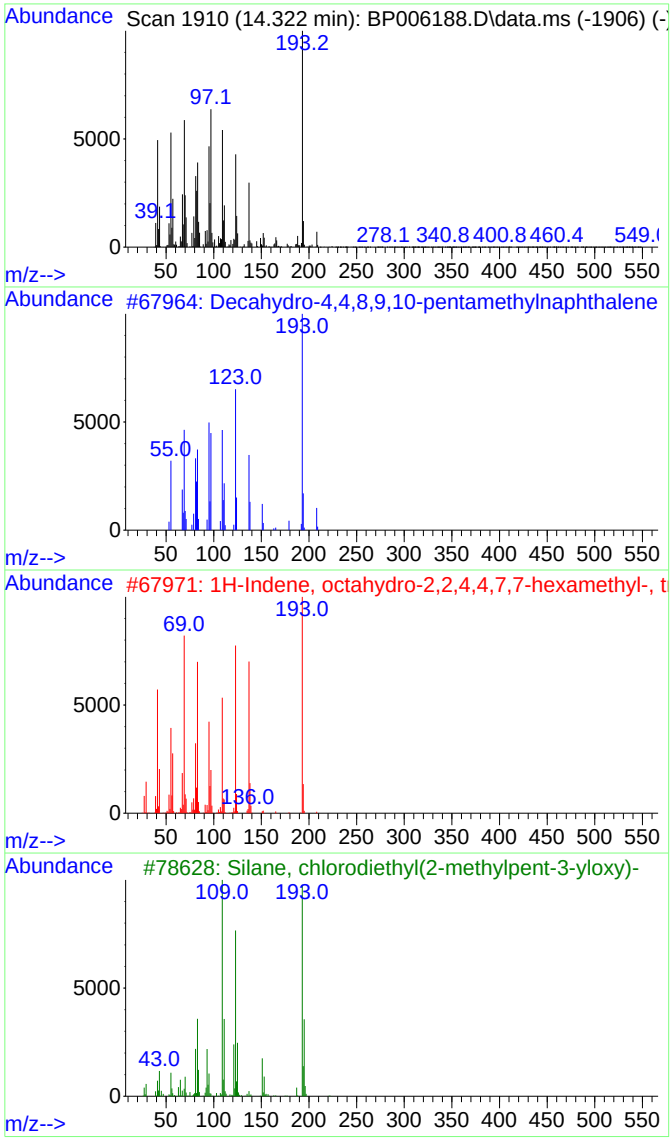
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

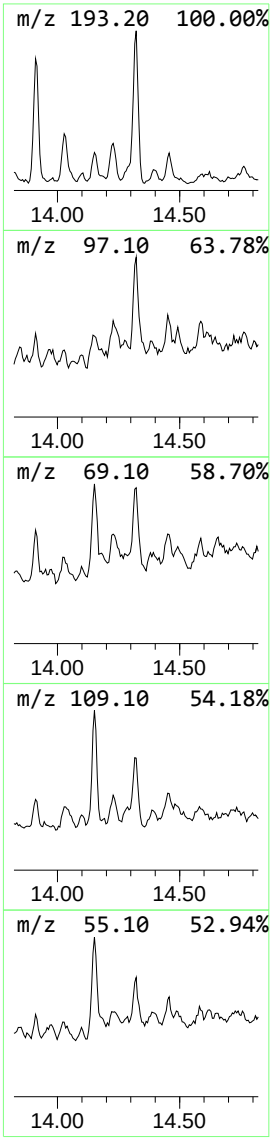
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	8.13 ng	803966	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	40
4	5-Isobenzofurancarboxylic acid, ...	360	C21H28O5	022485-51-4	38
5	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

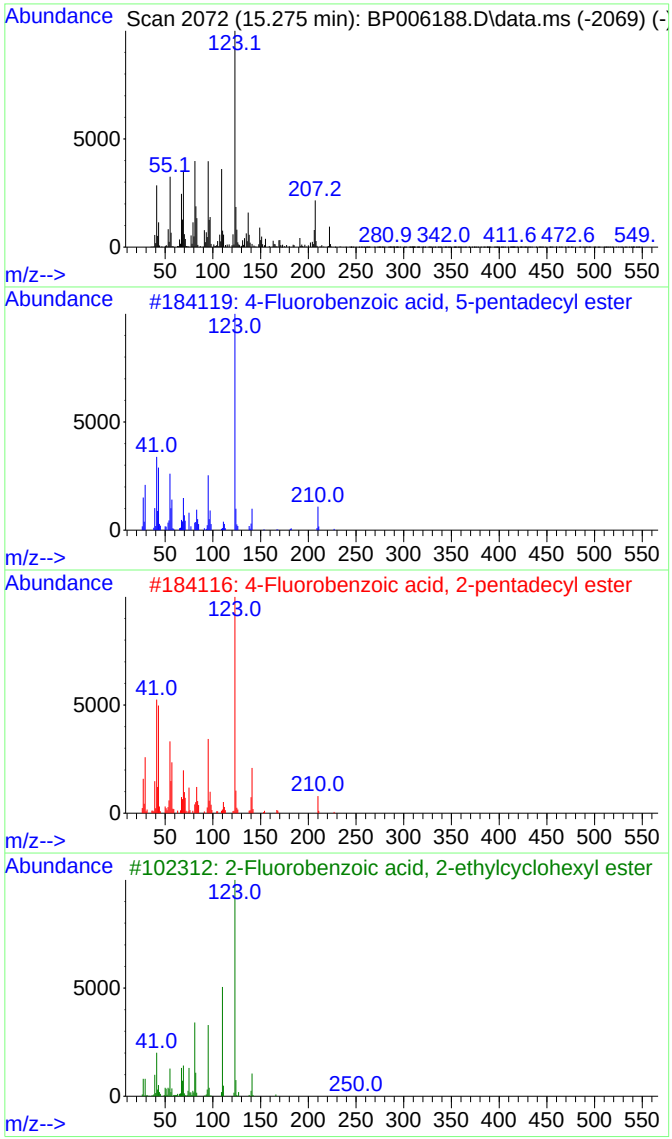
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

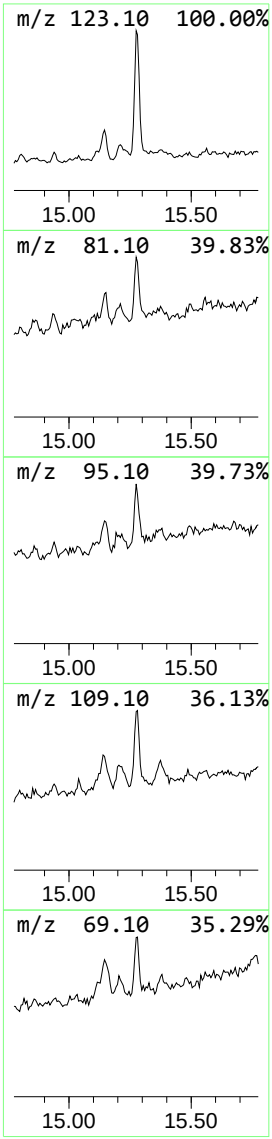
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-Fluorobenzoic acid, 5-pen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.275	6.31 ng	624213	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	50
2	4-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-68-3	50
3	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	47
4	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	46
5	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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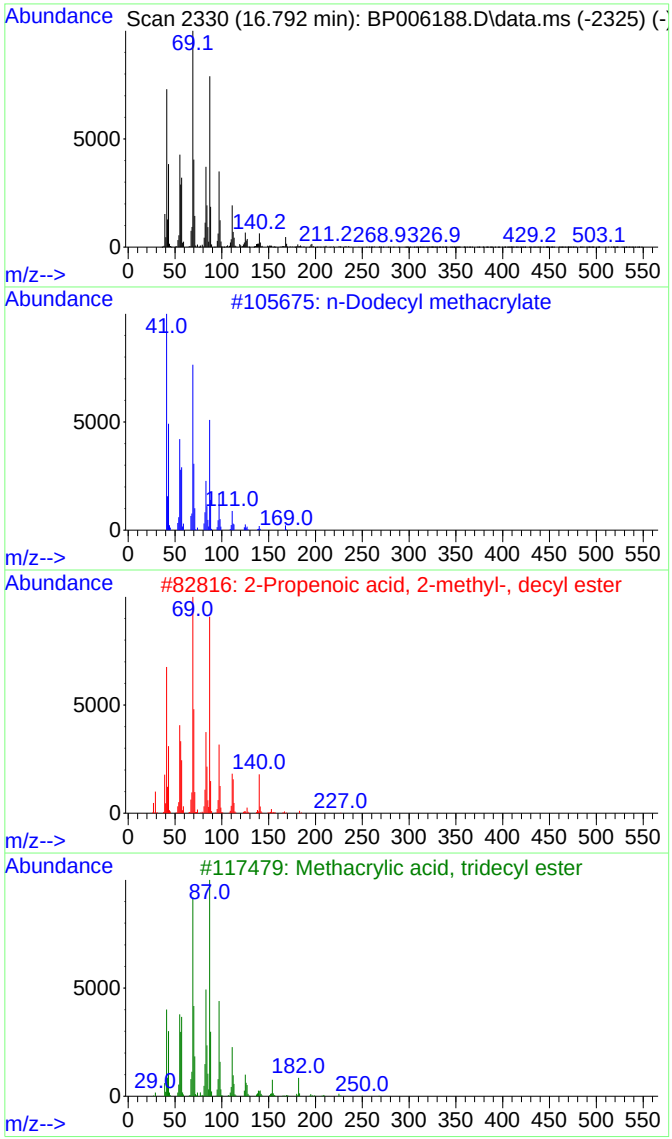
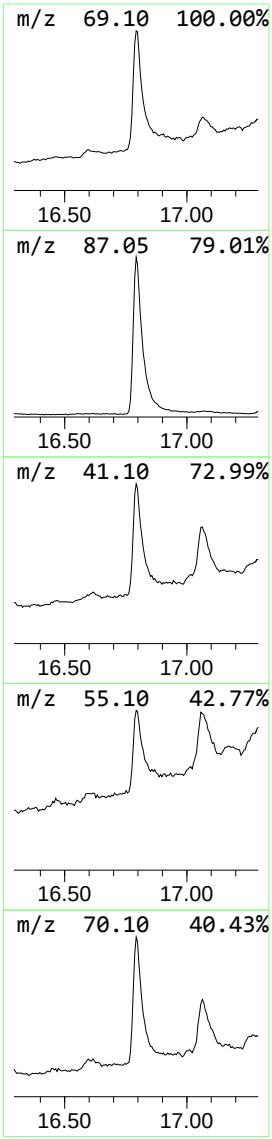
Peak Number 11 n-Dodecyl methacrylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.792	28.24 ng	7387570	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	91
2	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	87
3	Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	62
4	Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	55
5	Cyclopropanecarboxylic acid,decy...	226	C14H26O2	054460-47-8	50





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Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

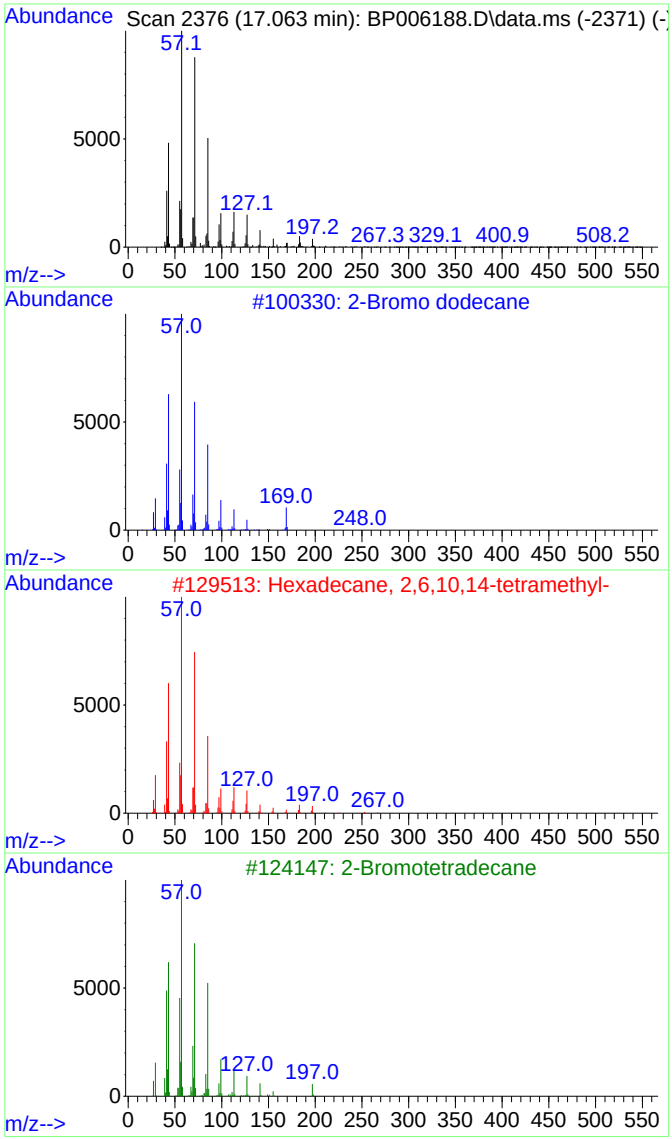
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

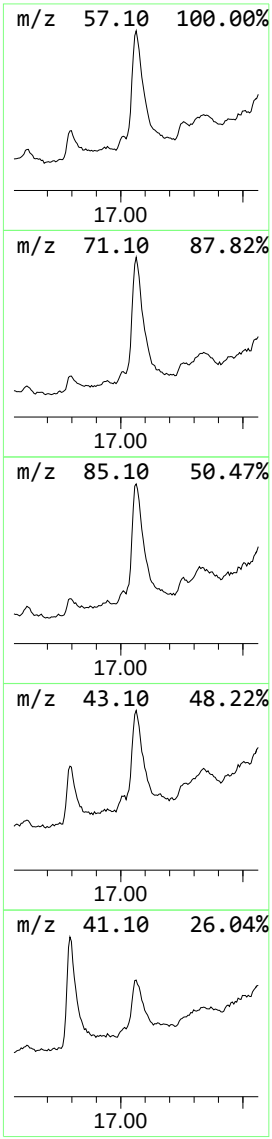
****

Peak Number 12 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	20.00 ng	5232570	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006188.D
Acq On : 12 Jul 2021 19:04
Operator : CG/JU
Sample : M2997-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200029

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.722	7.722	8.2	ng	466695	1	7.863	1140220	20.0
1-Hexanol, 2-et...	7.940	189.7	ng	10812500	1	7.863	1140220	20.0
Hexanoic acid, ...	9.228	10.7	ng	610860	1	7.863	1140220	20.0
unknown9.351	9.351	7.7	ng	621223	2	10.663	1623200	20.0
unknown10.251	10.251	12.9	ng	1045740	2	10.663	1623200	20.0
Ethanol, 2-(2-b...	10.451	13.2	ng	1074520	2	10.663	1623200	20.0
Cyclododecane	10.510	14.0	ng	1139740	2	10.663	1623200	20.0
2,5-Cyclohexadi...	14.151	79.0	ng	7808580	3	14.498	1977090	20.0
Decahydro-4,4,8...	14.322	8.1	ng	803966	3	14.498	1977090	20.0
4-Fluorobenzoic...	15.275	6.3	ng	624213	3	14.498	1977090	20.0
n-Dodecyl metha...	16.792	28.2	ng	7387570	4	17.257	5232570	20.0
2-Bromo dodecane	17.063	20.0	ng	5232570	4	17.257	5232570	20.0