LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008781.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	8	13	37	rVB	1889104	3360221	16.82%	2.361%
2	4.981	334	339	348	rVB2	179859	300238	1.50%	0.211%
3	5.452	412	419	446	rBV	6909503	10950497	54.82%	7.696%
4	6.846	648	656	661	rBV	935800	1538978	7.70%	1.082%
5	6.952	668	674	680	rBV	501377	807970	4.04%	0.568%
6	7.046	680	690	706	rVB	6488340	10946749	54.80%	7.693%
7	7.863	822	829	837	rBV	1701306	2741754	13.73%	1.927%
8	9.022	1012	1026	1039	rBV	4142177	7294746	36.52%	5.126%
9	10.446	1260	1268	1290	rBV	1285718	2260416	11.32%	1.589%
10	10.669	1297	1306	1312	rBV	2105396	3720865	18.63%	2.615%
11	12.328	1581	1588	1596	rVB	115687	205436	1.03%	0.144%
12	13.128	1716	1724	1740	rBV	11207849	16989076	85.05%	11.939%
13	13.828	1837	1843	1847	rBV	120304	203704	1.02%	0.143%
14	13.898	1848	1855	1860	rBV2	227774	398492	1.99%	0.280%
15	14.222	1904	1910	1921	rBV	439760	747711	3.74%	0.525%
16	14.504	1949	1958	1964	rBV	3221854	4936318	24.71%	3.469%
17	14.563	1964	1968	1977	rVB	156688	270518	1.35%	0.190%
18	14.904	2021	2026	2034	rVB2	141976	265056	1.33%	0.186%
19	15.551	2131	2136	2148	rVB	265079	506372	2.54%	0.356%
20	15.763	2167	2172	2182	rVV3	118216	222605	1.11%	0.156%
21	15.851	2183	2187	2196	rVB3	89341	204069	1.02%	0.143%
22	15.998	2205	2212	2222	rBV	8891708	12929972	64.73%	9.087%
23	16.228	2247	2251	2259	rVB2	268638	434044	2.17%	0.305%
24	16.481	2290	2294	2301	rBV3	155186	253178	1.27%	0.178%
25	17.075	2391	2395	2402	rVB3	145660	230037	1.15%	0.162%
26	17.257	2420	2426	2430	rBV	3967466	5643901	28.25%	3.966%
27	17.298	2430	2433	2439	rVB	1335107	1784364	8.93%	1.254%
28	17.386	2444	2448	2454	rVB	592060	939720	4.70%	0.660%
29	17.875	2522	2531	2537	rBV2	646653	1434566	7.18%	1.008%
30	17.933	2538	2541	2545	rVV2	236675	329305	1.65%	0.231%
31	17.975	2545	2548	2554	rVB3	185713	270207	1.35%	0.190%
32	18.128	2570	2574	2575	rBV	293998	363074	1.82%	0.255%
33	18.151	2575	2578	2586	rVB2	902043	1750739	8.76%	1.230%
34	18.310	2600	2605	2609	rBV2	482878	908093	4.55%	0.638%
35	18.604	2653	2655	2659	rVB	229426	265939	1.33%	0.187%
36	19.016	2721	2725	2728	rBV2	372097	563059	2.82%	0.396%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

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-BP010622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.269	2763	2768	2774	rBV	1946012	2658428	13.31%	1.868%
38	19.327	2775	2778	2781	rVB4	306259	355605	1.78%	0.250%
39	19.386	2784	2788	2790	rBV	437389	547930	2.74%	0.385%
40	19.622	2820	2828	2837	rVB	2088093	3745773	18.75%	2.632%
41	19.816	2854	2861	2866	rBV	15329070	19975185	100.00%	14.038%
42	21.057	3069	3072	3080	rVB5	1153822	1604273	8.03%	1.127%
43	21.345	3115	3121	3125	rBV2	4210047	7127467	35.68%	5.009%
44	21.463	3137	3141	3146	rBV	3847491	5532690	27.70%	3.888%
45	23.768	3530	3533	3541	rVB2	2035285	3775527	18.90%	2.653%

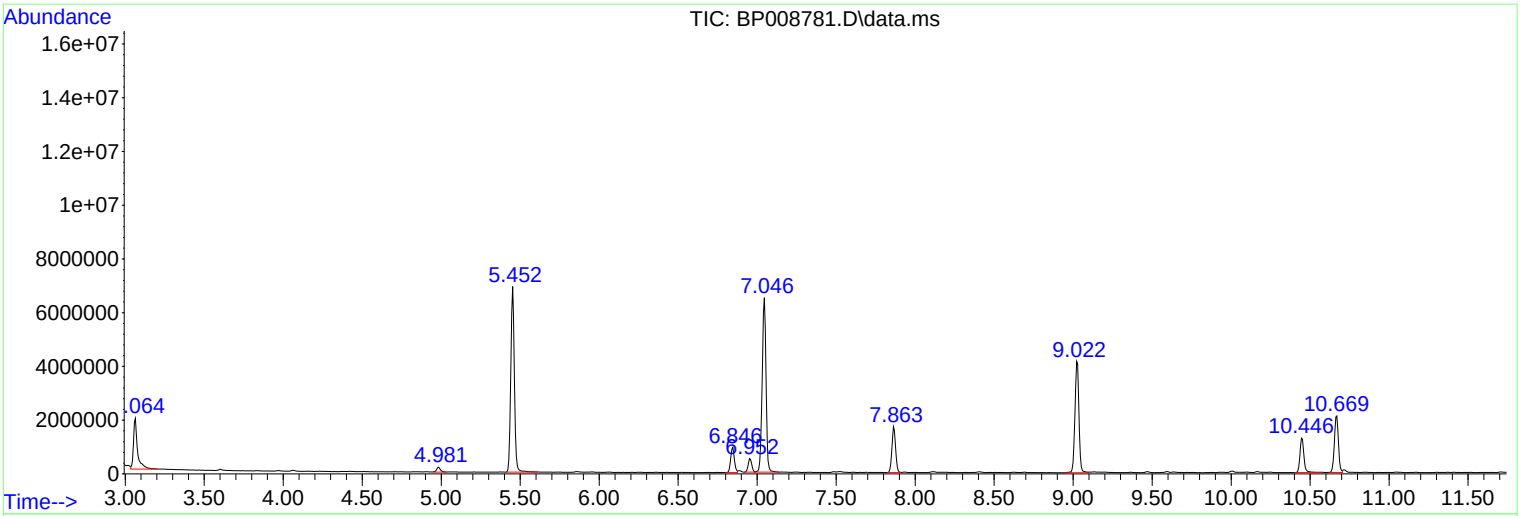
Sum of corrected areas: 142294867

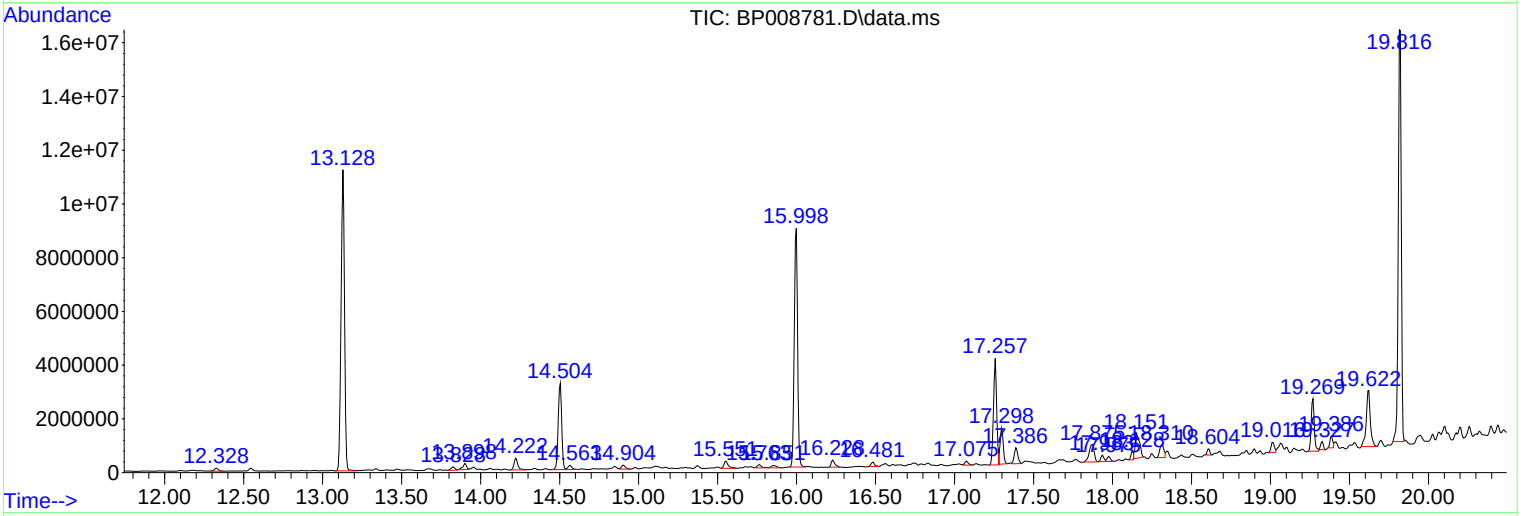
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

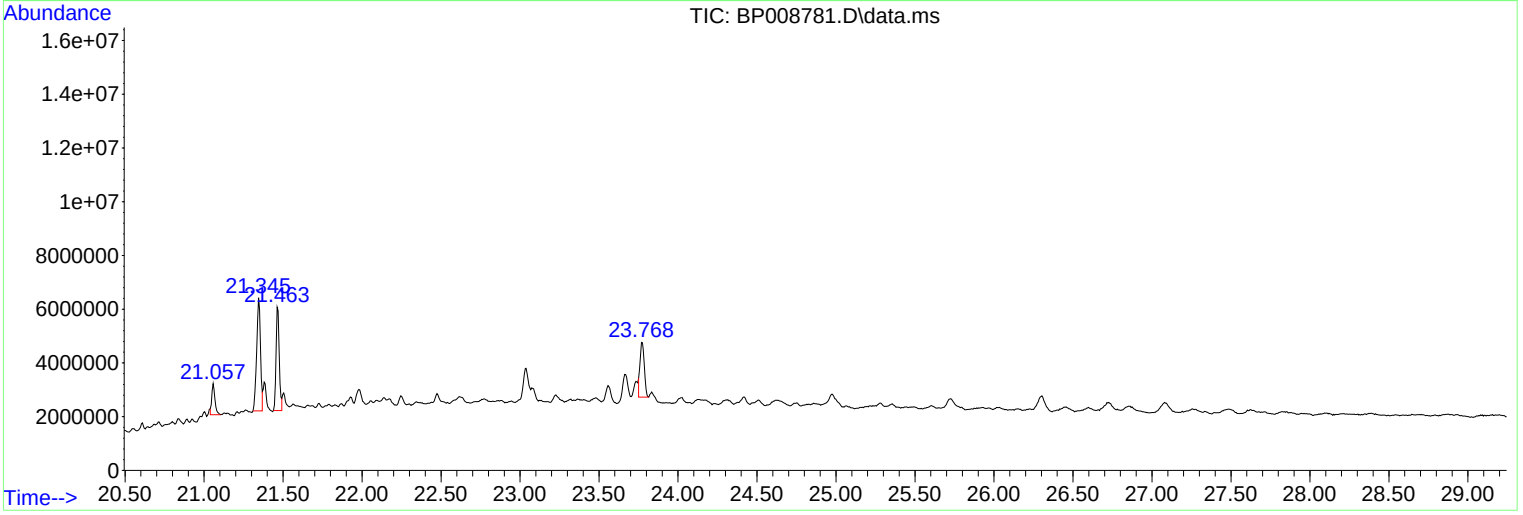
Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

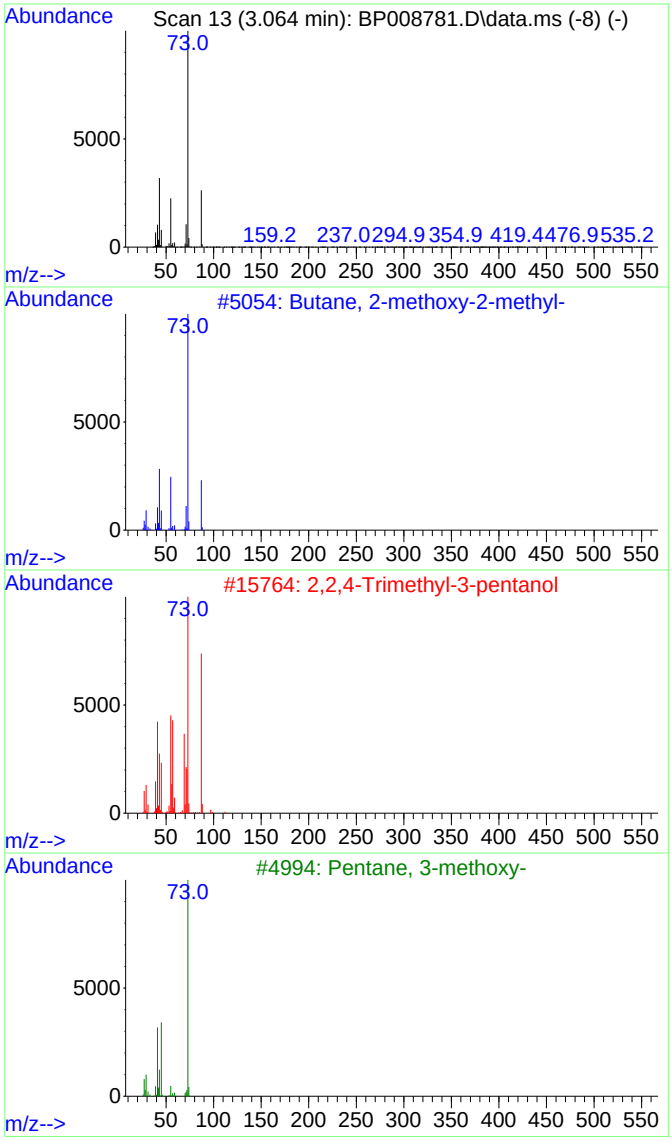
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

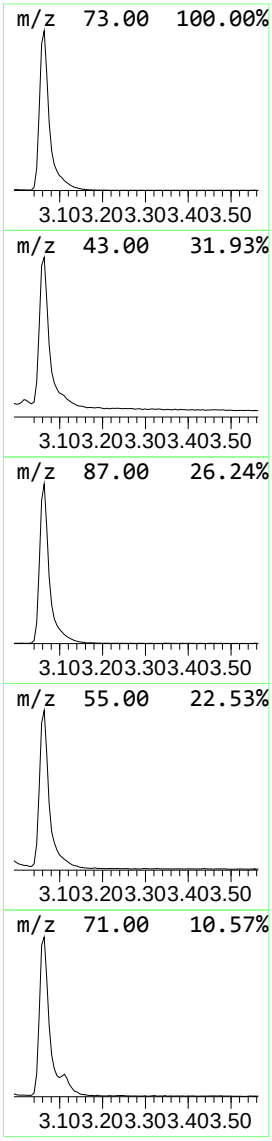
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	24.51 ng	3360220	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

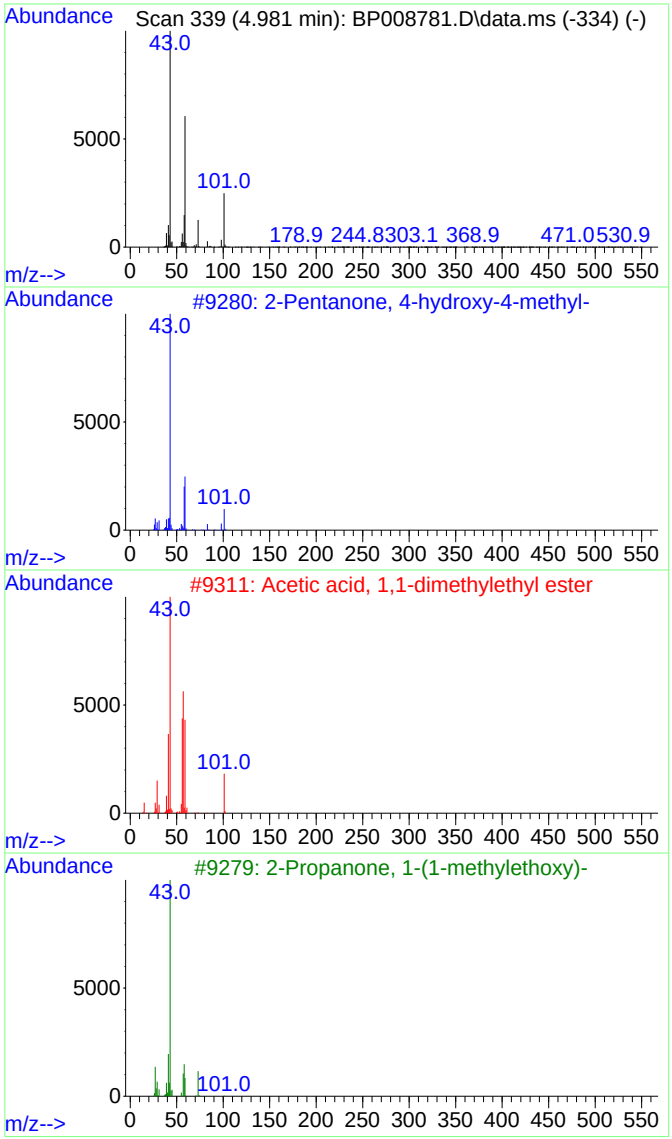
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

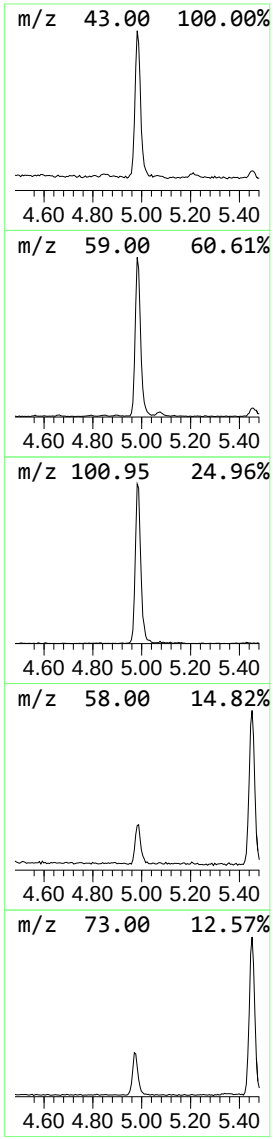
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	2.19 ng	300238	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	27
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
5	Isobutylamine	73	C4H11N	000078-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

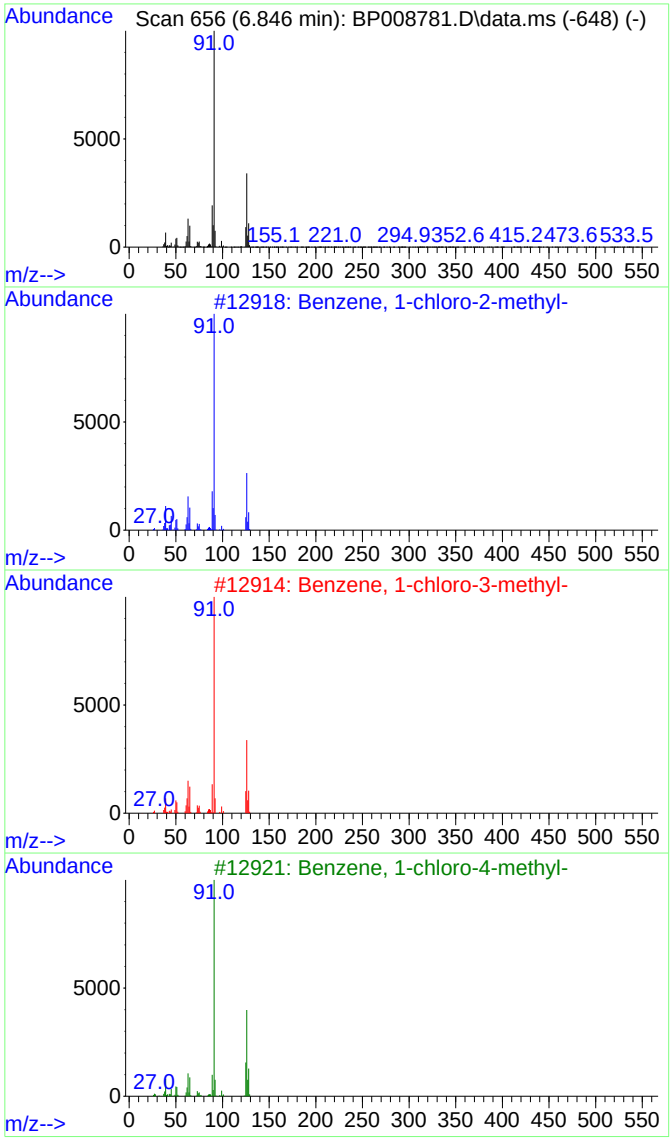
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

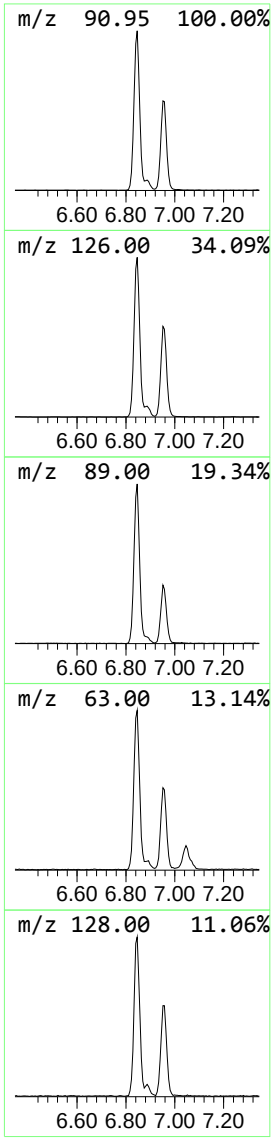
****

Peak Number 3 Benzene, 1-chloro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.846	11.23 ng	1538980	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
3	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	81
4	Benzyl chloride	126	C7H7Cl	000100-44-7	76
5	4-Chlorobenzene, 2-benzyloxy-3,5...	477	C20H14Br2ClNO	142821-58-7	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

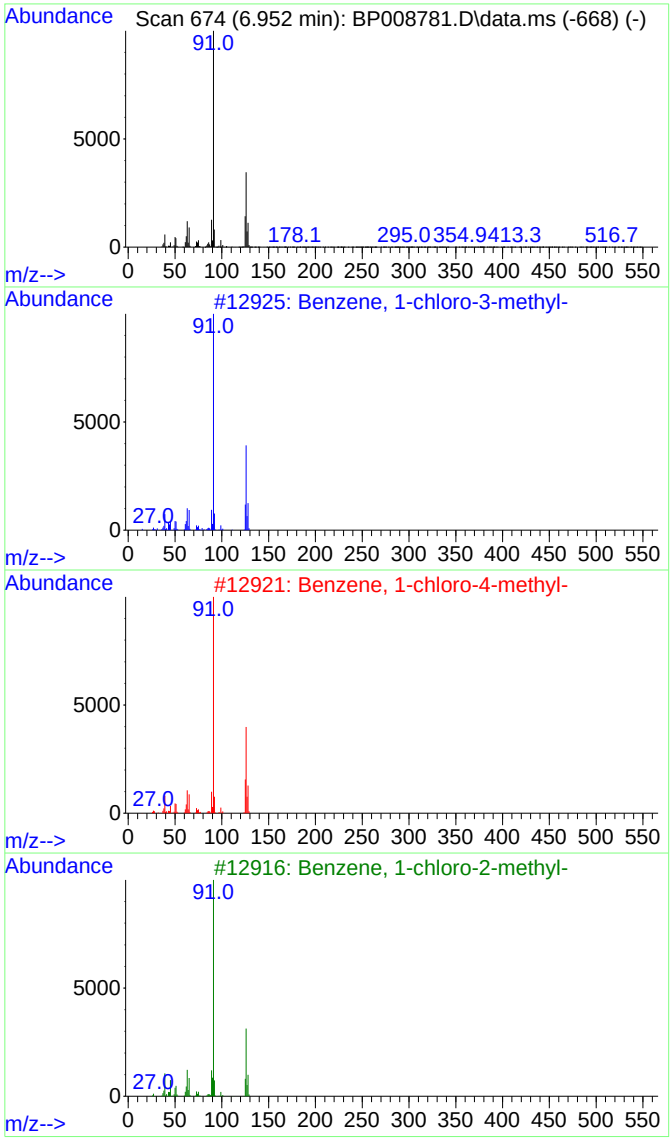
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

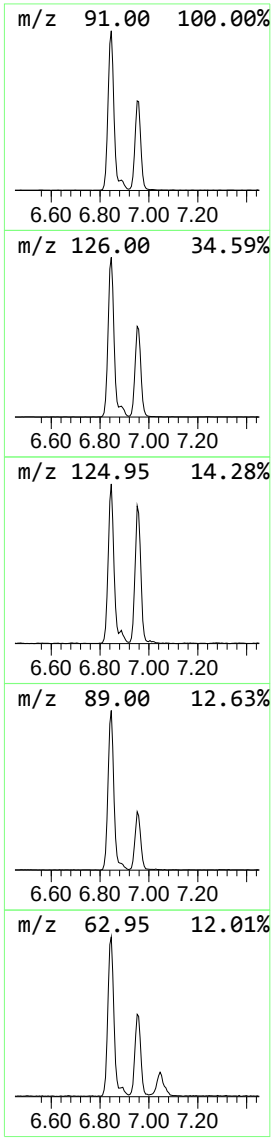
****

Peak Number 4 Benzene, 1-chloro-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.952	5.89 ng	807970	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	97
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	96
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4	Benzyl chloride	126	C7H7Cl	000100-44-7	90
5	Benzene, (iodomethyl)-	218	C7H7I	000620-05-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

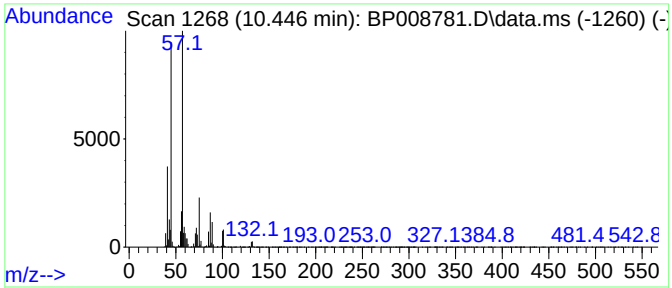
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

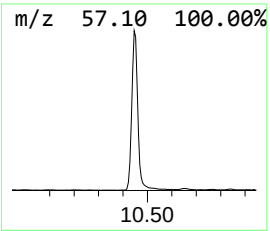
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

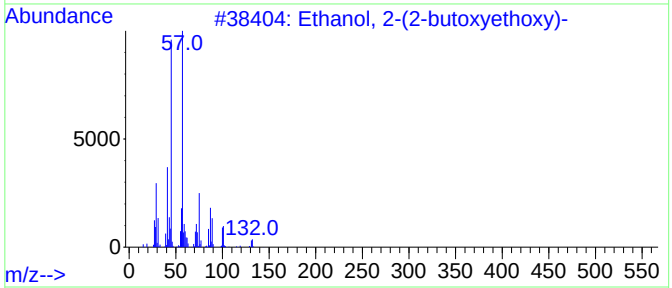
****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

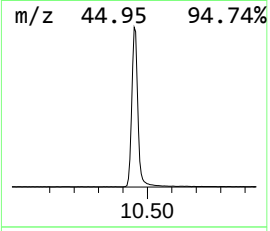
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.446	12.15 ng	2260420	Naphthalene-d8	10.669

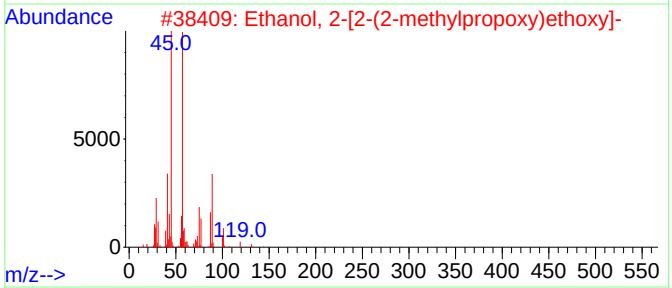
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50

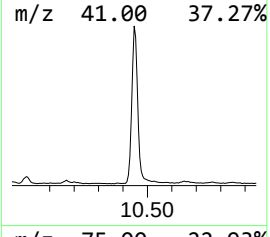


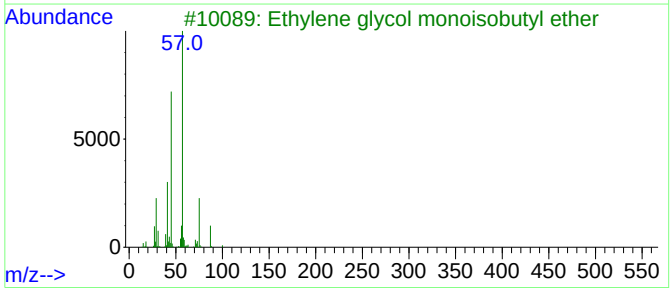


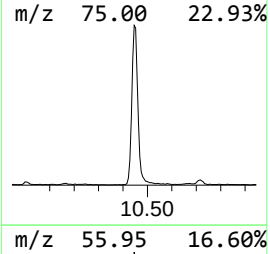


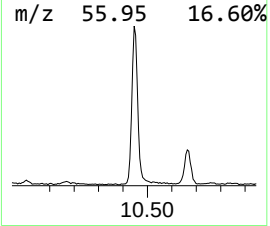












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

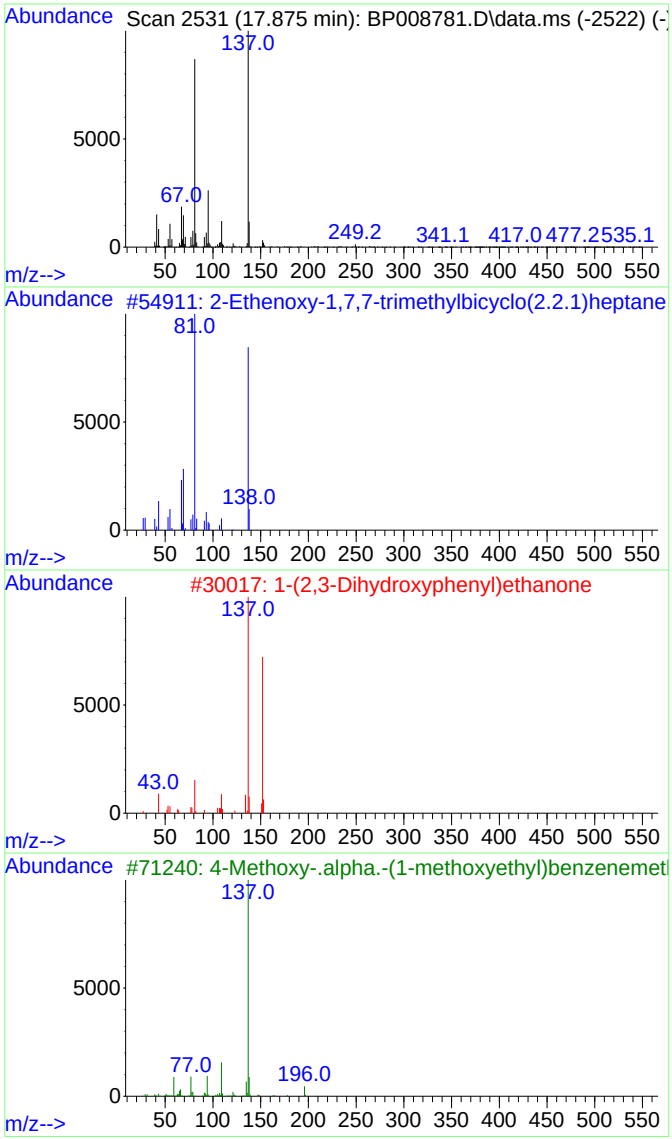
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

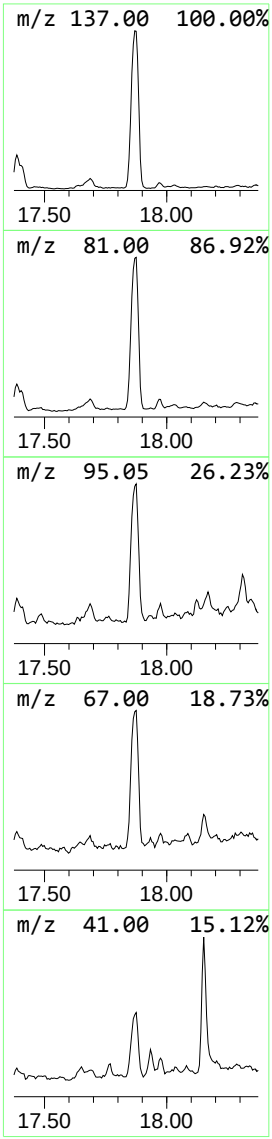
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Ethenoxy-1,7,7-trimethylb... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	5.08 ng	1434570	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethenoxy-1,7,7-trimethylbicycl...	180	C12H20O	1000432-15-0	72
2	1-(2,3-Dihydroxyphenyl)ethanone	152	C8H8O3	1000434-39-0	45
3	4-Methoxy-.alpha.-(1-methoxyethy...	196	C11H16O3	138169-69-4	27
4	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	25
5	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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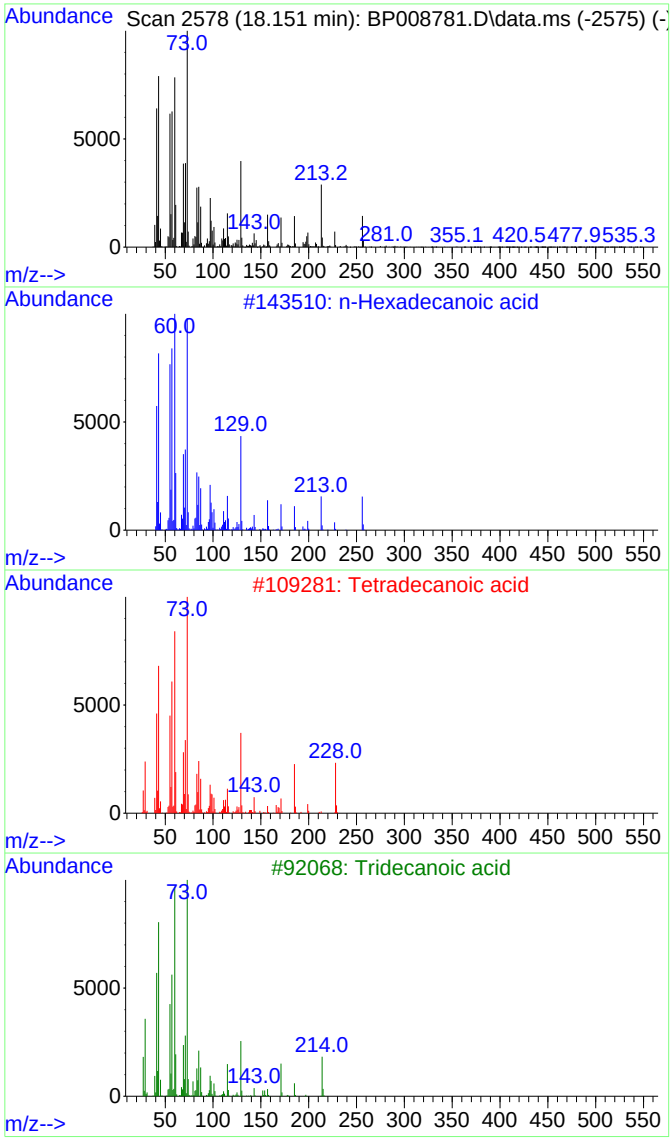
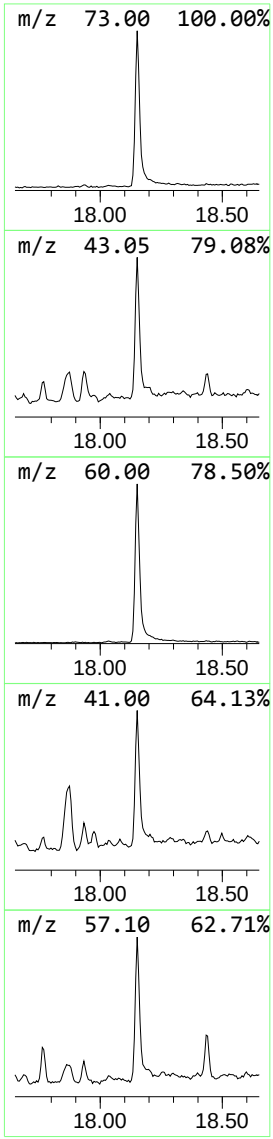
Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	6.20 ng	1750740	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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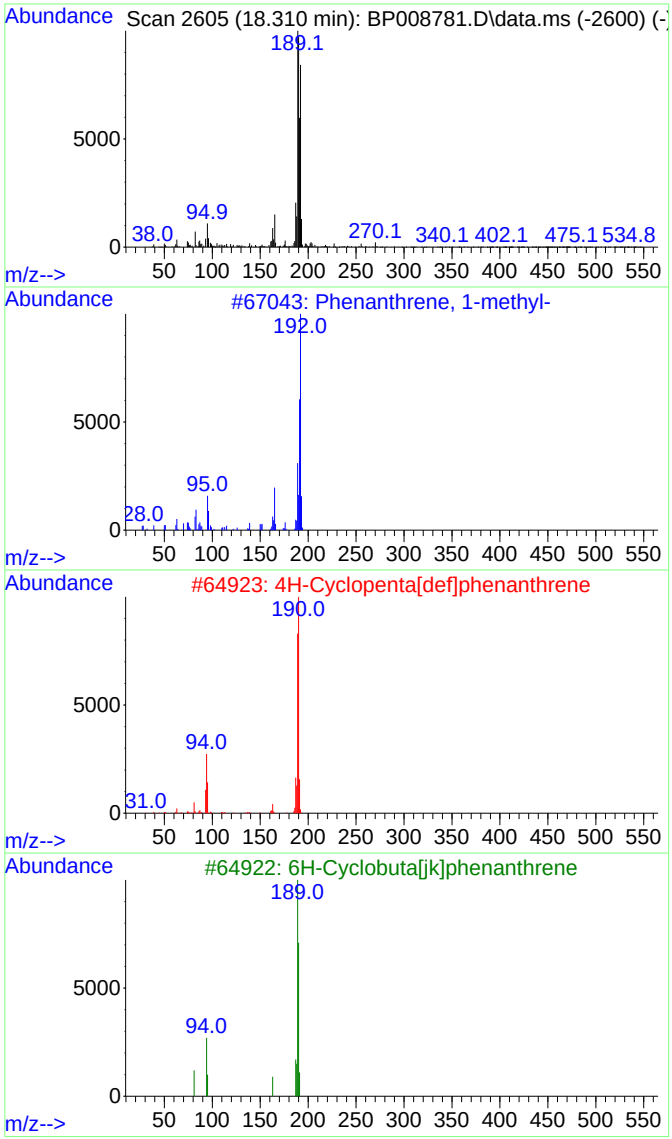
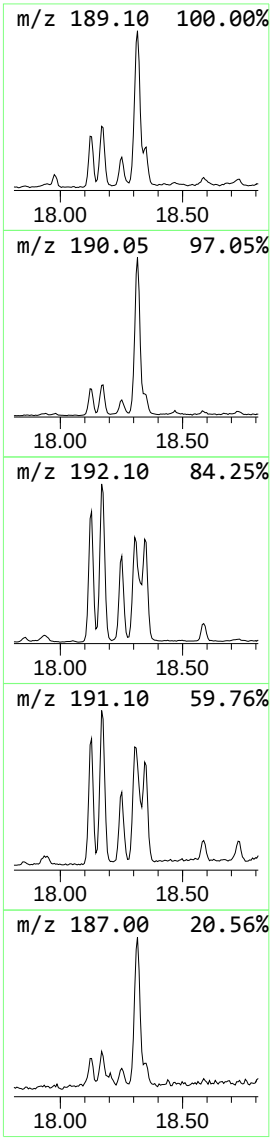
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	3.22 ng	908093	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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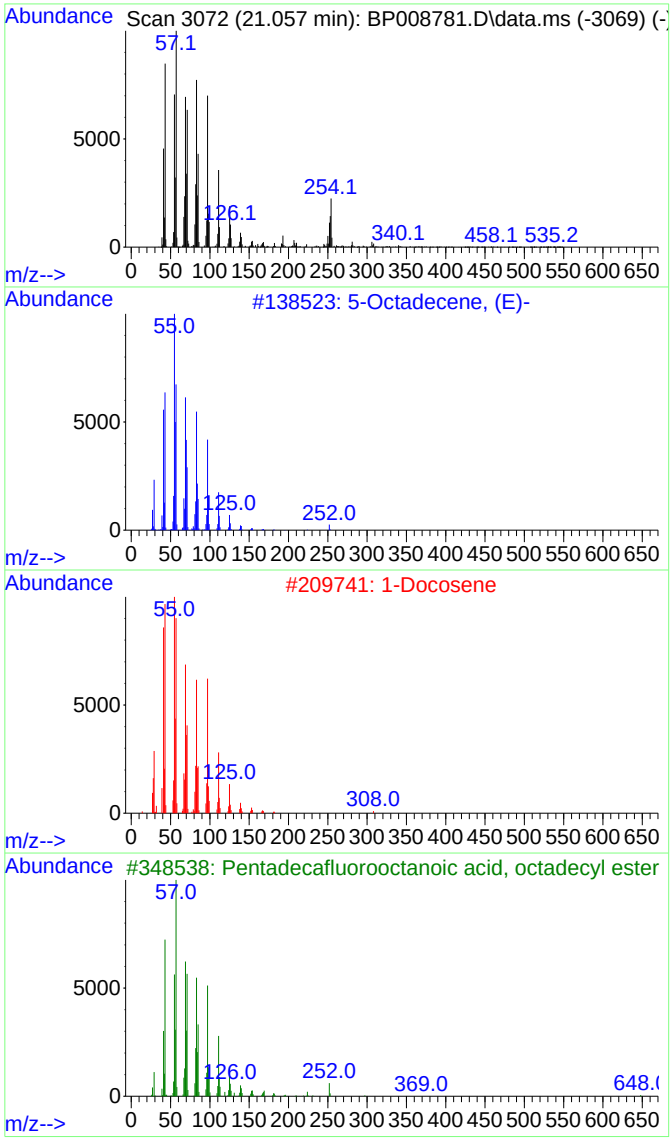
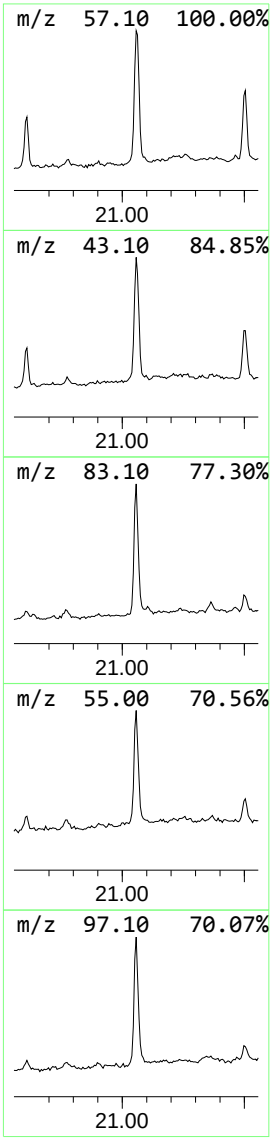
Peak Number 10 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	4.50 ng	1604270	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	96
2	1-Docosene	308	C22H44	001599-67-3	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	Cycloeicosane	280	C20H40	000296-56-0	92
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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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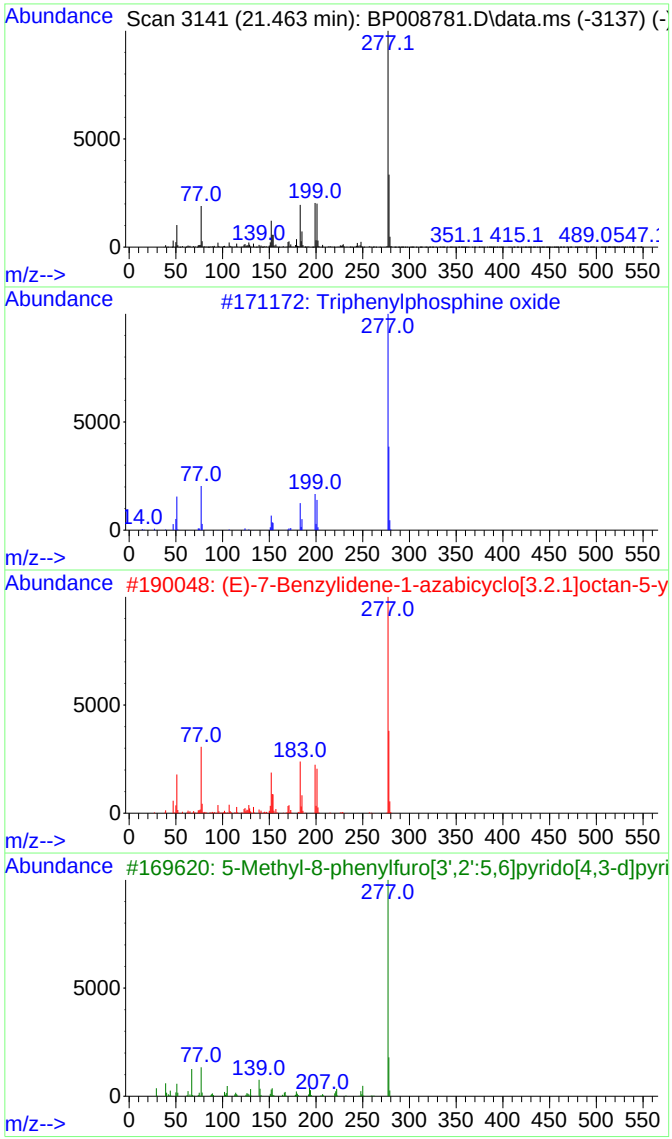
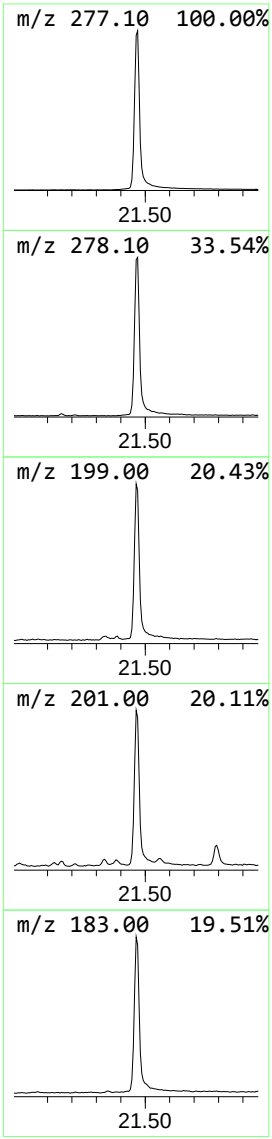
Peak Number 11 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.463	15.53 ng	5532690	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	47
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	43
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008781.D
Acq On : 12 Jan 2022 19:07
Operator : CG/JU
Sample : N1107-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-03-011122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.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
Butane, 2-metho...	3.064	24.5	ng	3360220	1	7.863	2741750	20.0
2-Pentanone, 4-...	4.981	2.2	ng	300238	1	7.863	2741750	20.0
Benzene, 1-chlo...	6.846	11.2	ng	1538980	1	7.863	2741750	20.0
Benzene, 1-chlo...	6.952	5.9	ng	807970	1	7.863	2741750	20.0
Ethanol, 2-(2-b...	10.446	12.2	ng	2260420	2	10.669	3720870	20.0
2-Ethenoxy-1,7,...	17.875	5.1	ng	1434570	4	17.257	5643900	20.0
n-Hexadecanoic ...	18.151	6.2	ng	1750740	4	17.257	5643900	20.0
Phenanthrene, 1...	18.310	3.2	ng	908093	4	17.257	5643900	20.0
5-Octadecene, (E)-	21.057	4.5	ng	1604270	5	21.345	7127470	20.0
Triphenylphosph...	21.463	15.5	ng	5532690	5	21.345	7127470	20.0