LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008535.D
Acq On : 23 Dec 2021 21:05
Operator : CG/JU
Sample : M5090-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3C8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BP122321.M
Title : SVOA CALIBRATION

Signal : TIC: BP008535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	14	rVB	2702962	4054738	1.05%	0.732%
2	3.093	14	18	36	rVB	2432910	3530101	0.92%	0.637%
3	3.758	128	131	147	rVB	361139	566201	0.15%	0.102%
4	7.063	685	693	694	rBV	519966	779766	0.20%	0.141%
5	7.087	694	697	707	rVB	674142	1036578	0.27%	0.187%
6	7.234	715	722	736	rBV	2015986	3284883	0.85%	0.593%
7	7.434	748	756	764	rBV	1978038	3133972	0.81%	0.565%
8	7.905	828	836	846	rBV	2030508	3278111	0.85%	0.591%
9	8.604	942	955	967	rBV	1557510	2505221	0.65%	0.452%
10	9.057	1022	1032	1042	rBV	2434348	4013976	1.04%	0.724%
11	9.781	1145	1155	1169	rBV	1640113	2831112	0.73%	0.511%
12	10.322	1238	1247	1269	rBV	2997652	4988903	1.29%	0.900%
13	10.710	1303	1313	1320	rBV	2821312	4908941	1.27%	0.886%
14	10.834	1326	1334	1346	rBV	3065357	5427814	1.41%	0.979%
15	13.628	1786	1809	1825	rBV3	51567011	385611952	100.00%	69.568%
16	13.951	1858	1864	1871	rBV	5905598	8567064	2.22%	1.546%
17	14.245	1907	1914	1923	rVB	7078159	10517768	2.73%	1.897%
18	14.545	1957	1965	1974	rBV	4435537	6649541	1.72%	1.200%
19	14.710	1988	1993	1999	rBV	424007	611994	0.16%	0.110%
20	15.092	2052	2058	2064	rBV	981861	1380561	0.36%	0.249%
21	15.528	2125	2132	2144	rBV	9111260	13521383	3.51%	2.439%
22	15.634	2144	2150	2159	rBV	1709406	2435263	0.63%	0.439%
23	15.892	2188	2194	2204	rVB	1465386	2085731	0.54%	0.376%
24	16.633	2311	2320	2332	rBV	5261184	8512221	2.21%	1.536%
25	17.280	2424	2430	2440	rVB	5511135	8060825	2.09%	1.454%
26	17.386	2441	2448	2458	rBV	9739749	14743134	3.82%	2.660%
27	19.616	2820	2827	2833	rBV	12507340	17371944	4.51%	3.134%
28	21.363	3119	3124	3133	rVB	6932815	8615815	2.23%	1.554%
29	23.639	3503	3511	3522	rVV2	6529791	13233494	3.43%	2.387%
30	23.739	3523	3528	3531	rVV	294969	565953	0.15%	0.102%
31	23.792	3531	3537	3549	rVB2	3329070	6997819	1.81%	1.262%
32	24.486	3650	3655	3663	rVB2	241062	475706	0.12%	0.086%

Sum of corrected areas: 554298485

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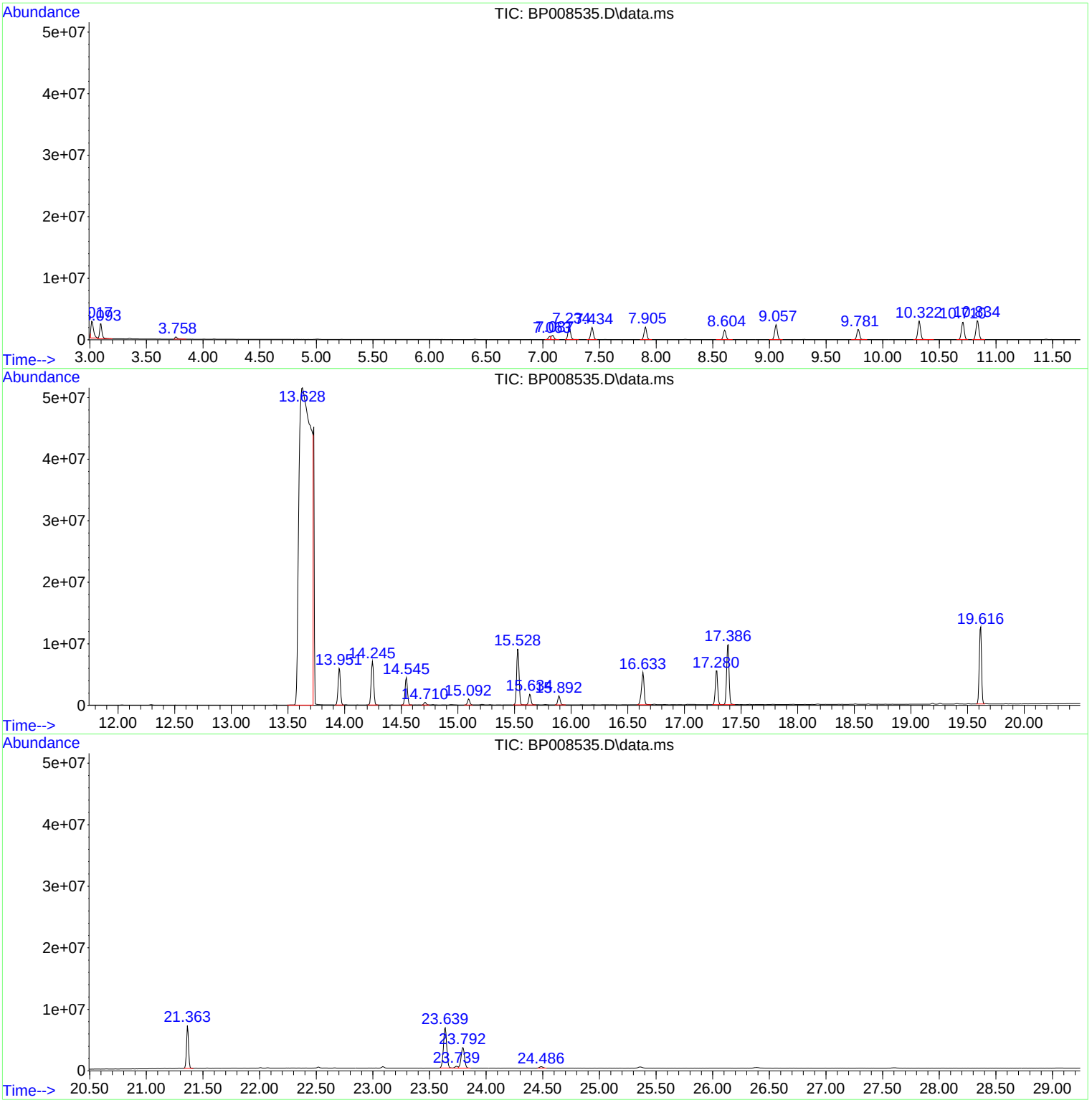
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP008535.D
Acq On : 23 Dec 2021 21:05
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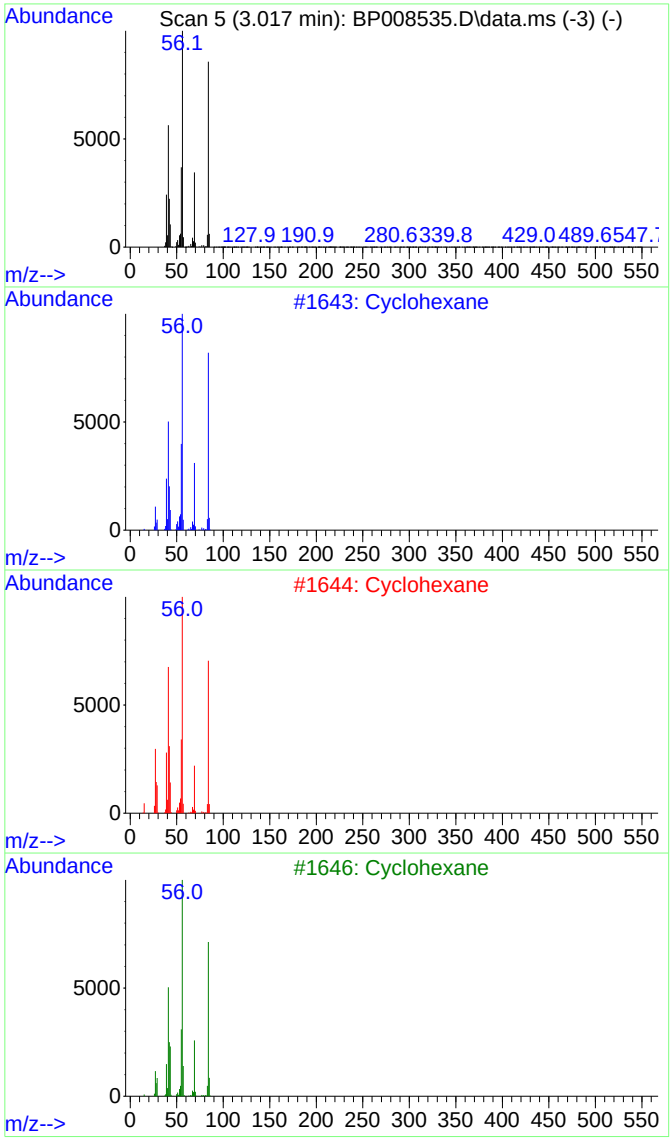
Quant Title : SVOA CALIBRATION

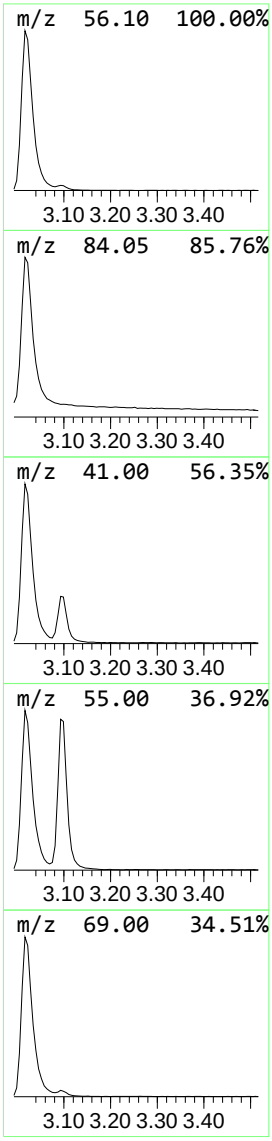
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.017 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	24.74 ng/ul	4054740	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	91
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	83





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Sample : M5090-16
Misc :
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Instrument :
BNA_P
ClientSampleId :
BG3C8

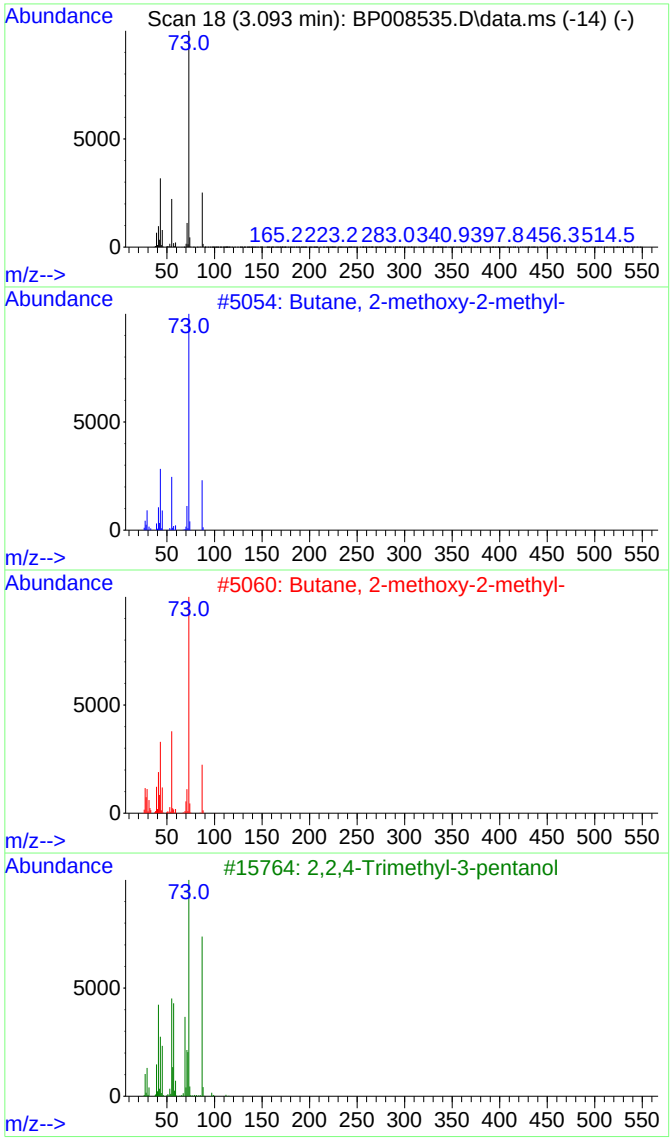
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

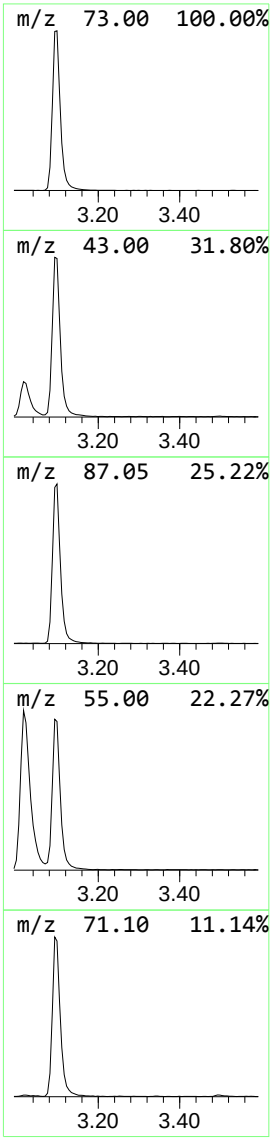
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	21.54 ng/ul	3530100	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BP008535.D
Acq On : 23 Dec 2021 21:05
Operator : CG/JU
Sample : M5090-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3C8

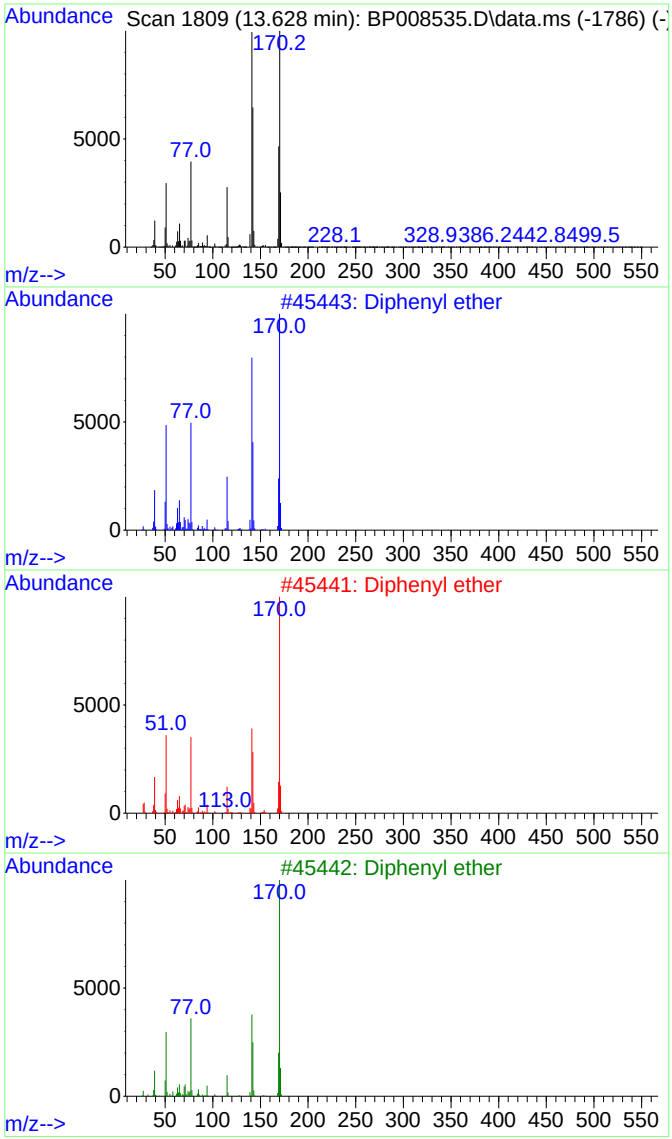
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

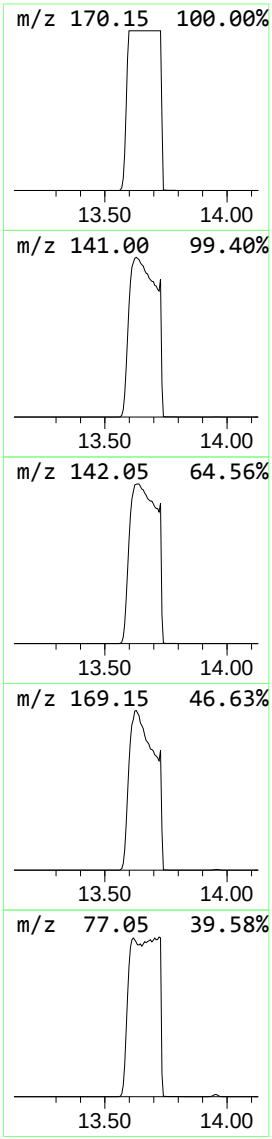
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	1159.82 ng/ul	385612000	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	93
2	Diphenyl ether	170	C12H10O	000101-84-8	49
3	Diphenyl ether	170	C12H10O	000101-84-8	45
4	Diphenyl ether	170	C12H10O	000101-84-8	45
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	40





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Sample : M5090-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

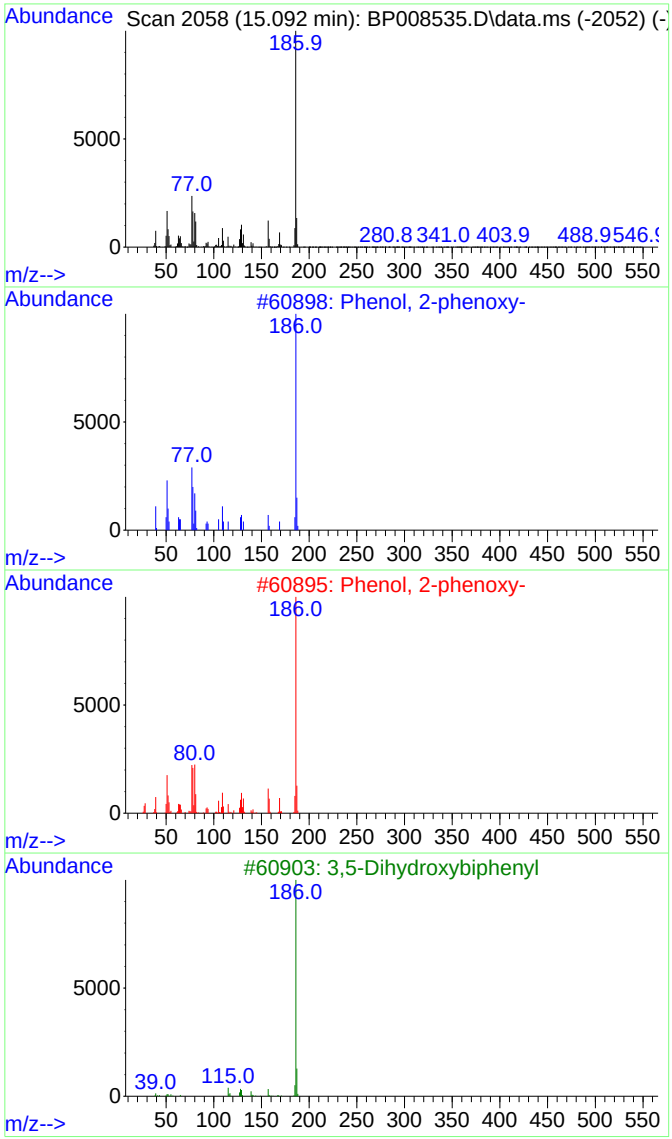
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

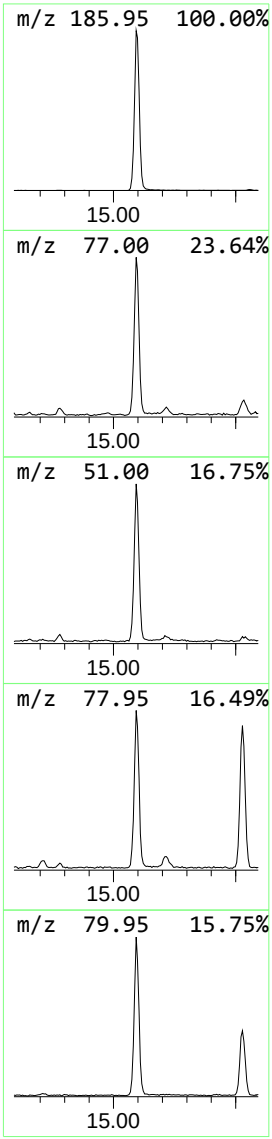
****

Peak Number 4 Phenol, 2-phenoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	4.15 ng/ul	1380560	Acenaphthene-d10	14.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	95
2	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	93
3	3,5-Dihydroxybiphenyl	186	C12H10O2	007028-41-3	76
4	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	72
5	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008535.D
Acq On : 23 Dec 2021 21:05
Operator : CG/JU
Sample : M5090-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG3C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

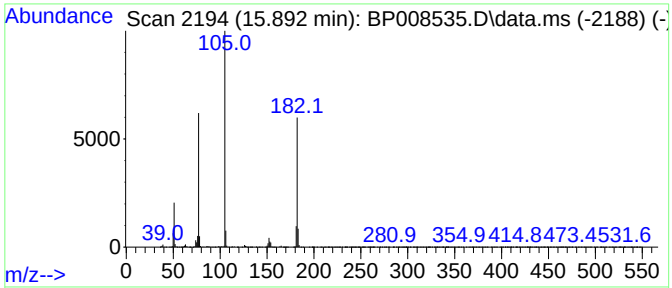
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

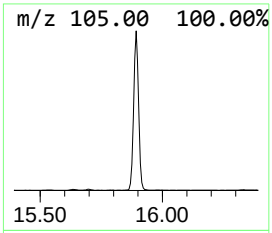
****

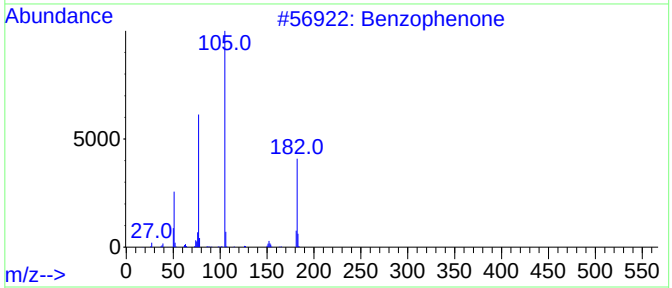
Peak Number 5 Benzophenone Concentration Rank 5

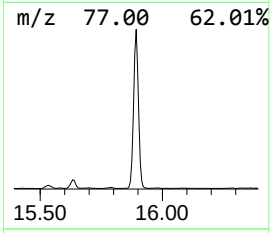
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	6.27 ng/ul	2085730	Acenaphthene-d10	14.545

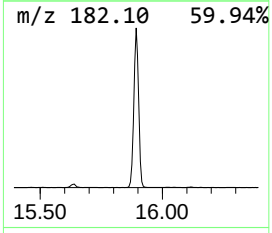
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	50

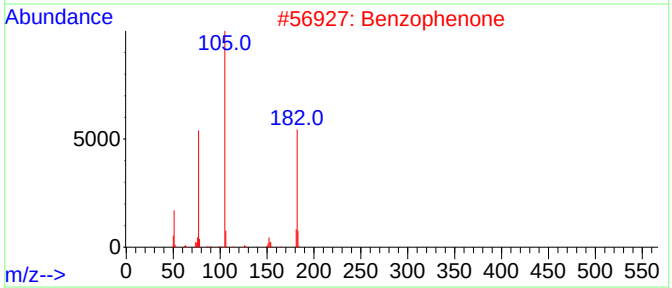


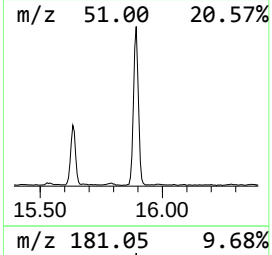


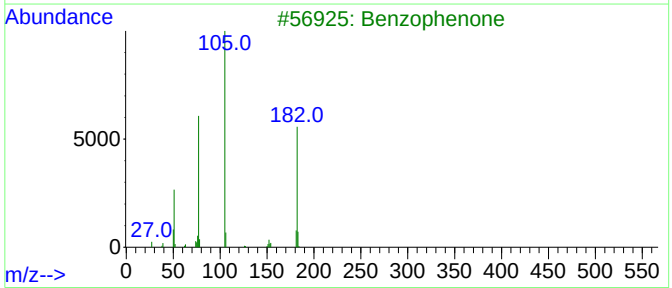


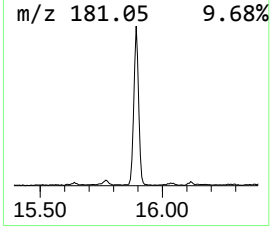












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

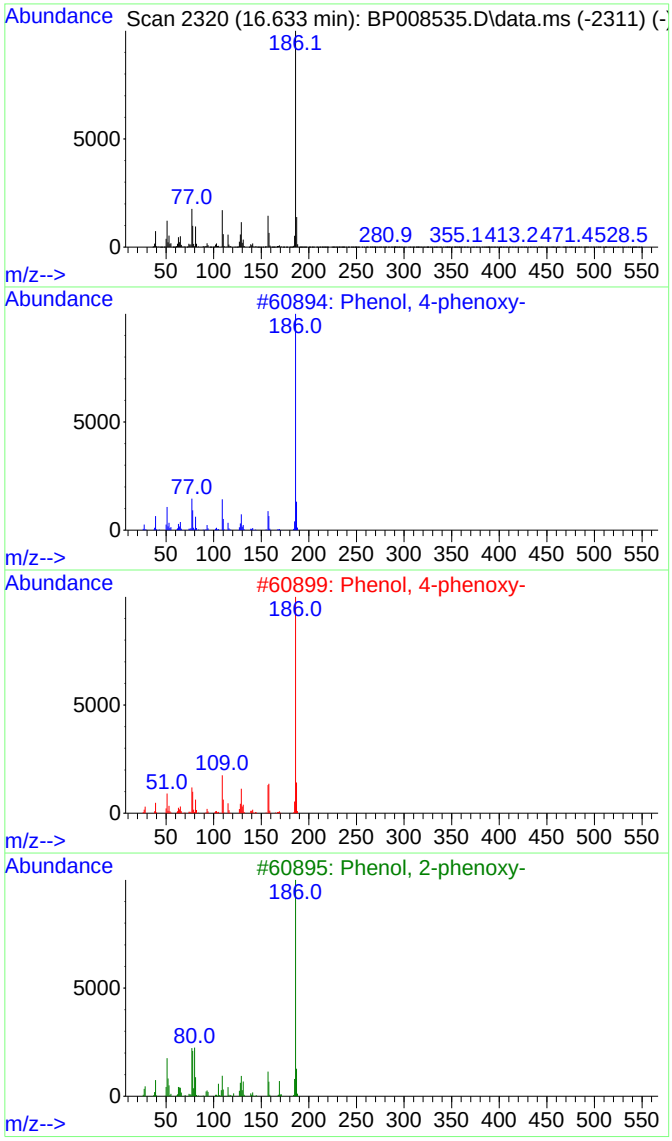
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

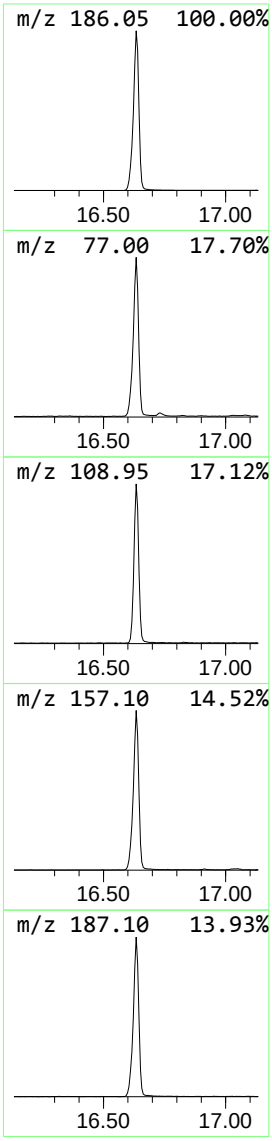
****

Peak Number 6 Phenol, 4-phenoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	21.12 ng/ul	8512220	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	97
2	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	94
3	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	87
4	Phenol, 3-phenoxy-	186	C12H10O2	000713-68-8	86
5	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	86





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
(DEL) Alkane: C...	3.017	24.7	ng/ul	4054740	1	7.904	3278110	20.0
Butane, 2-metho...	3.093	21.5	ng/ul	3530100	1	7.904	3278110	20.0
Diphenyl ether	13.628	1159.8	ng/ul	385612000	3	14.545	6649540	20.0
Phenol, 2-phenoxy-	15.092	4.2	ng/ul	1380560	3	14.545	6649540	20.0
Benzophenone	15.892	6.3	ng/ul	2085730	3	14.545	6649540	20.0
Phenol, 4-phenoxy-	16.634	21.1	ng/ul	8512220	4	17.281	8060830	20.0