LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136456.D
Acq On : 07 Dec 2023 20:05
Operator : CG\JU
Sample : 05599-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

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_F\Methods\8270-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.110	3	4	14	rVB	692165	598902	18.73%	2.896%
2	2.222	19	23	33	rVB	44612	66354	2.08%	0.321%
3	5.057	501	505	510	rVB	47142	62584	1.96%	0.303%
4	5.451	566	572	575	rBV	3137964	3069517	96.00%	14.842%
5	6.451	736	742	745	rBV	2665014	3008849	94.10%	14.549%
6	6.798	797	801	804	rBV	818407	608149	19.02%	2.941%
7	7.363	890	897	900	rBV	2017214	1967625	61.54%	9.514%
8	7.610	936	939	944	rVB	48195	43921	1.37%	0.212%
9	8.075	1014	1018	1021	rBV	982750	762824	23.86%	3.688%
10	8.392	1069	1072	1082	rBV	34167	60136	1.88%	0.291%
11	9.157	1197	1202	1205	rBV	3830587	3197499	100.00%	15.461%
12	9.833	1313	1317	1320	rBV	819152	695542	21.75%	3.363%
13	10.628	1447	1452	1455	rBV	1704940	1521560	47.59%	7.357%
14	11.322	1567	1570	1574	rBV	693663	567856	17.76%	2.746%
15	11.863	1655	1662	1674	rBV2	200034	250912	7.85%	1.213%
16	12.651	1793	1796	1800	rBV2	35339	45238	1.41%	0.219%
17	12.922	1837	1842	1845	rBV	3012181	2539833	79.43%	12.281%
18	13.874	1999	2004	2011	rBV3	54479	136858	4.28%	0.662%
19	13.974	2017	2021	2025	rBV	708407	614194	19.21%	2.970%
20	14.074	2033	2038	2049	rVB5	89881	202469	6.33%	0.979%
21	14.451	2099	2102	2107	rBV3	44743	56060	1.75%	0.271%
22	14.845	2165	2169	2174	rBV4	46534	62033	1.94%	0.300%
23	15.286	2240	2244	2248	rBV5	30366	44194	1.38%	0.214%
24	15.457	2268	2273	2279	rBV	414540	498136	15.58%	2.409%

Sum of corrected areas: 20681245

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Misc :
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Instrument :
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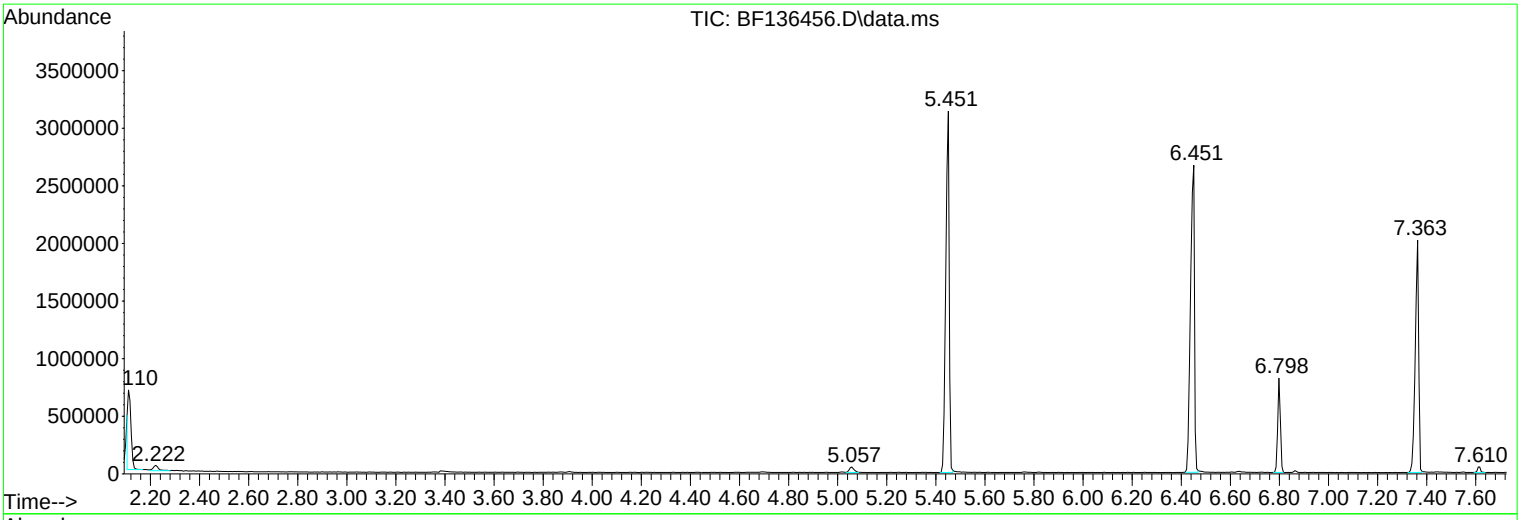
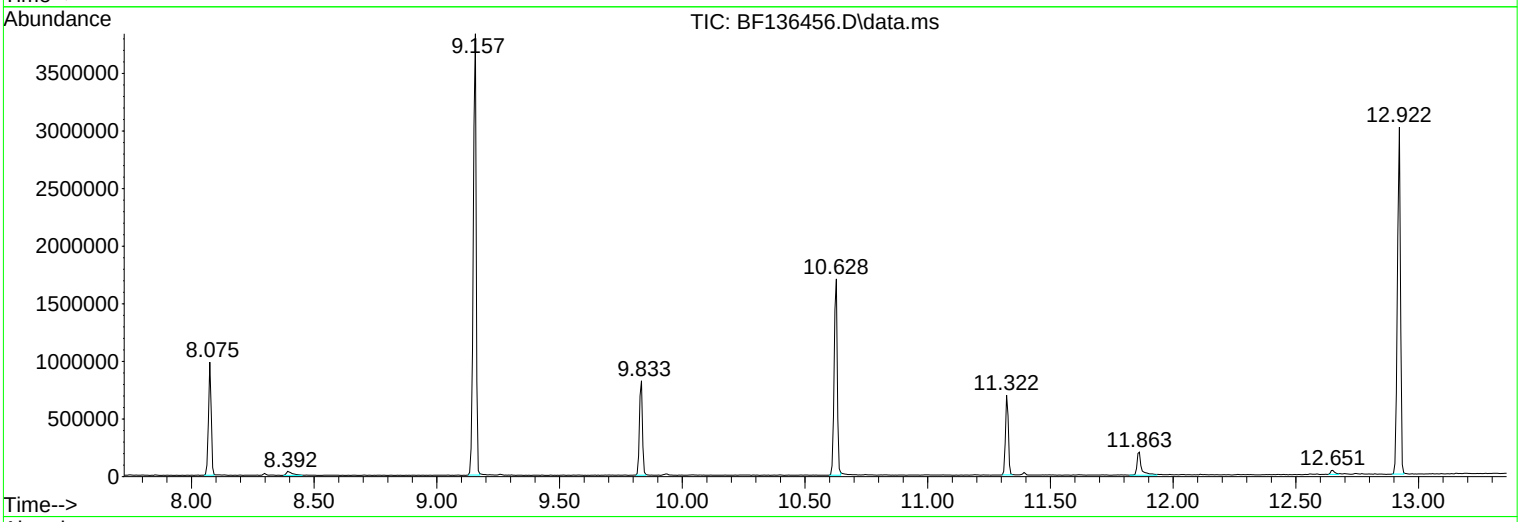
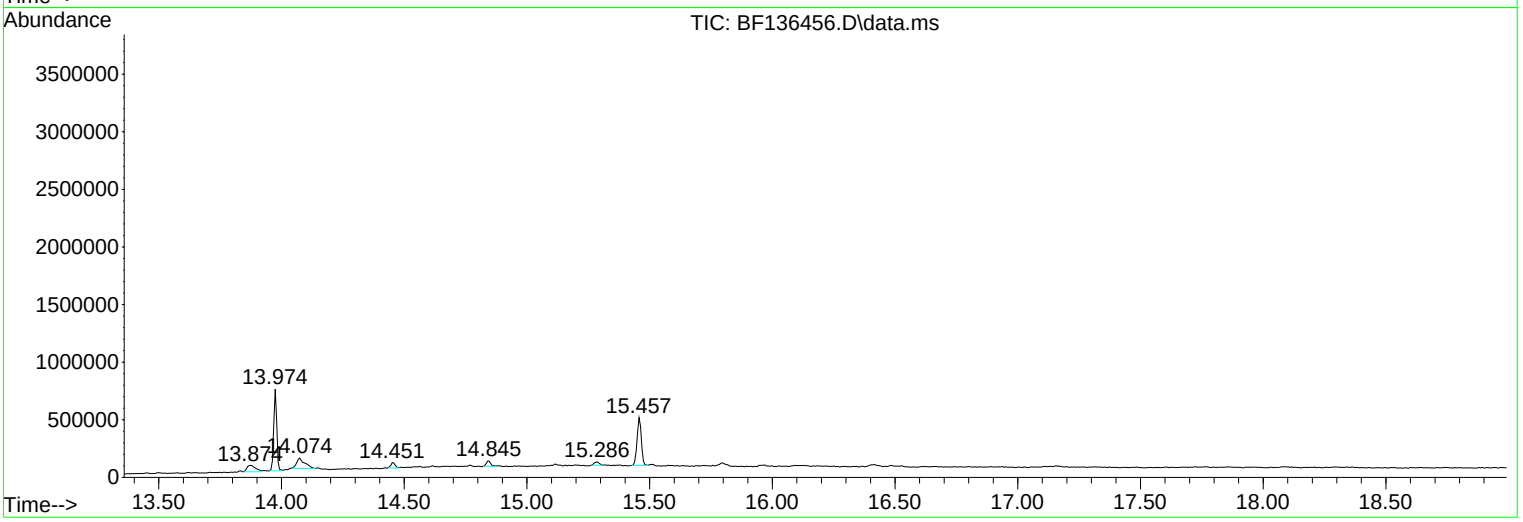
ClientSampleId :
LKWD-BACKFILL-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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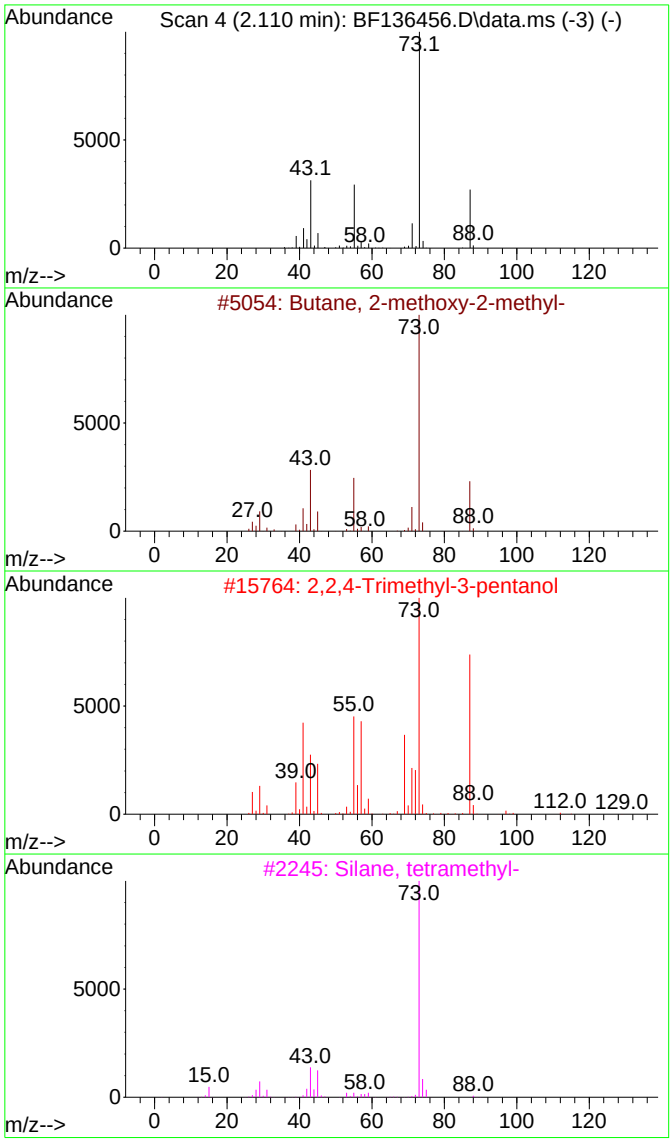
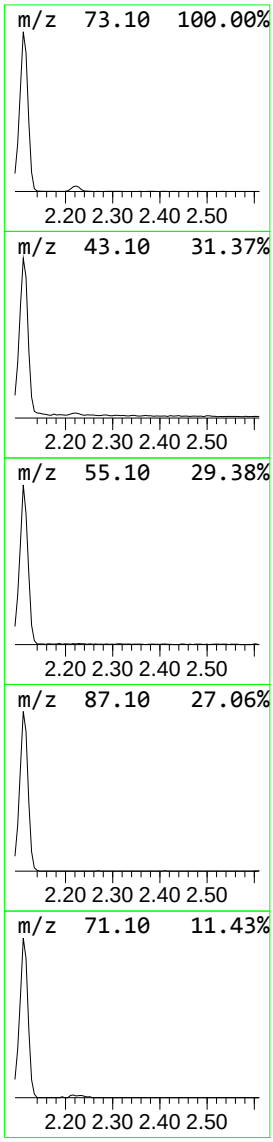
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.110	19.70 ng	598902	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : CG\JU
Sample : 05599-11
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

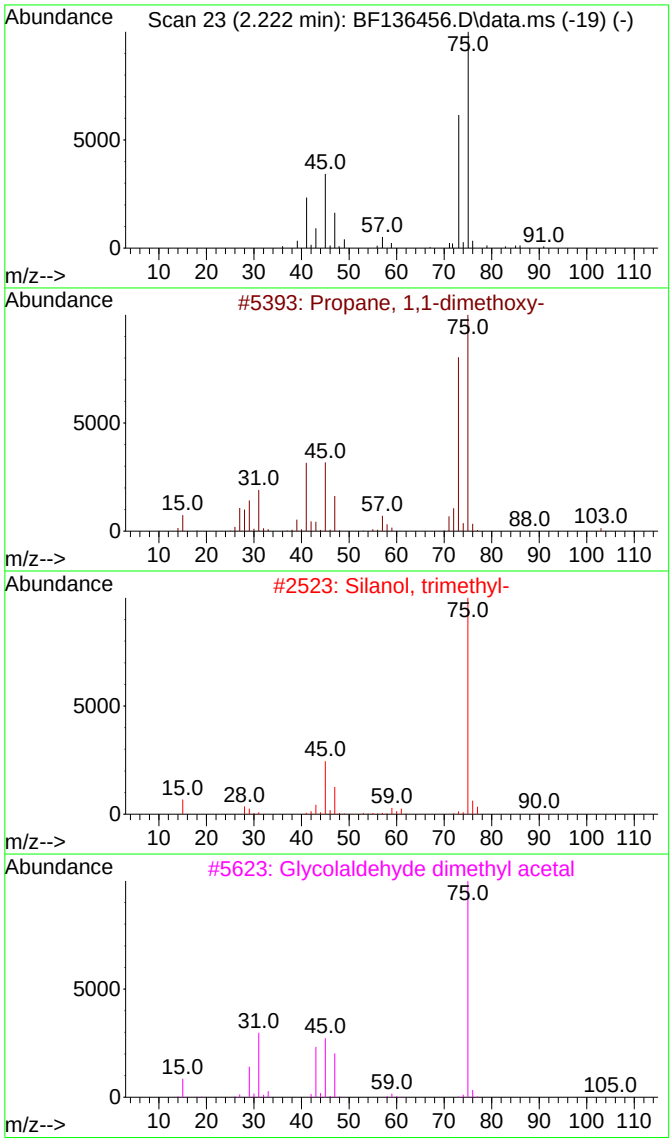
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

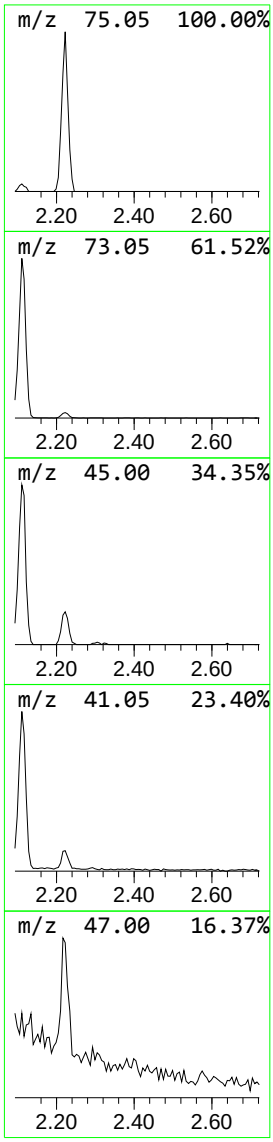
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	2.18 ng	66354	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	50
3	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	38
4	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	36
5	2-Methylundecanal dimethyl acetal	230	C14H30O2	1010430-97-6	9





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Acq On : 07 Dec 2023 20:05
Operator : CG\JU
Sample : 05599-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

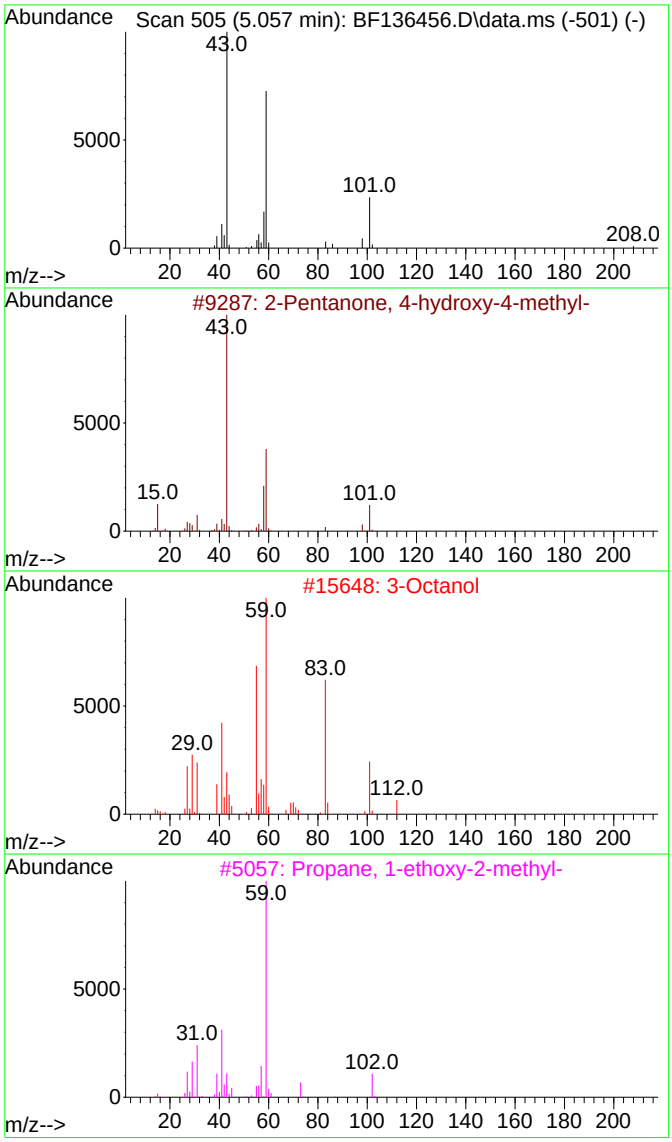
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

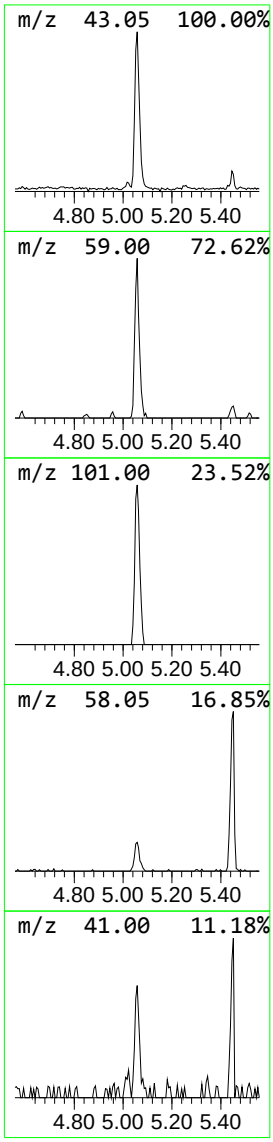
****

Peak Number 3 unknown5.057 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.06 ng	62584	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	3-Octanol	130	C8H18O	000589-98-0	36
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





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Operator : CG\JU
Sample : 05599-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

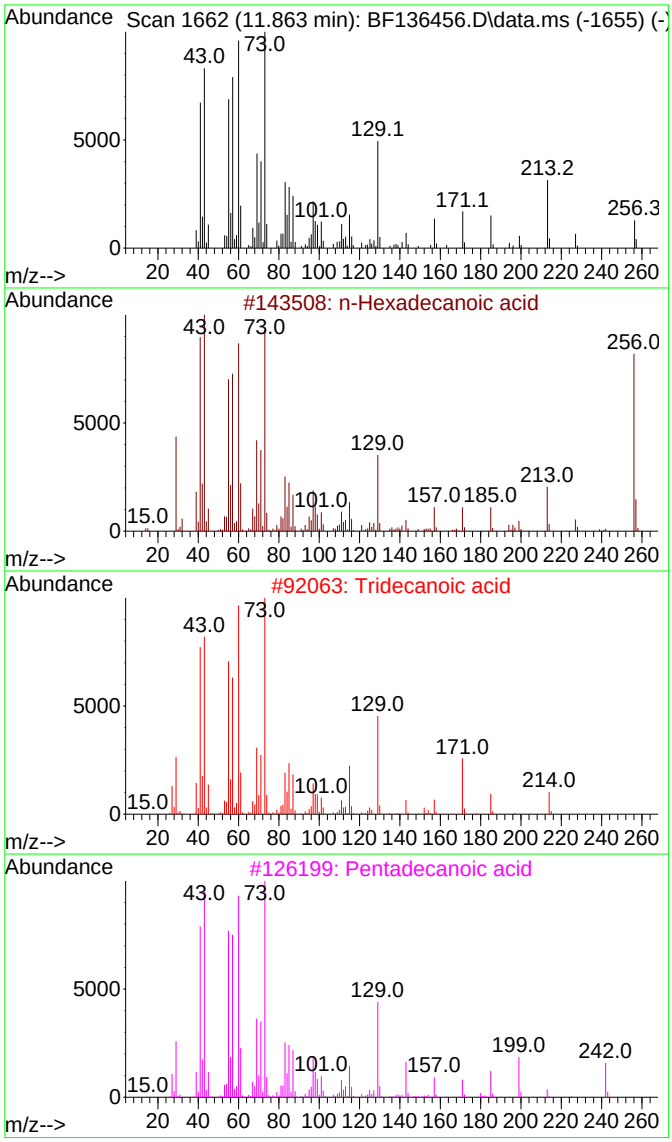
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

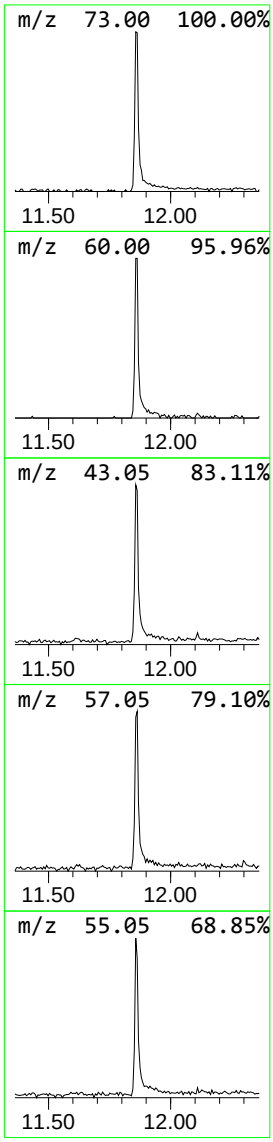
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	8.84 ng	250912	Phenanthrene-d10	11.322

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

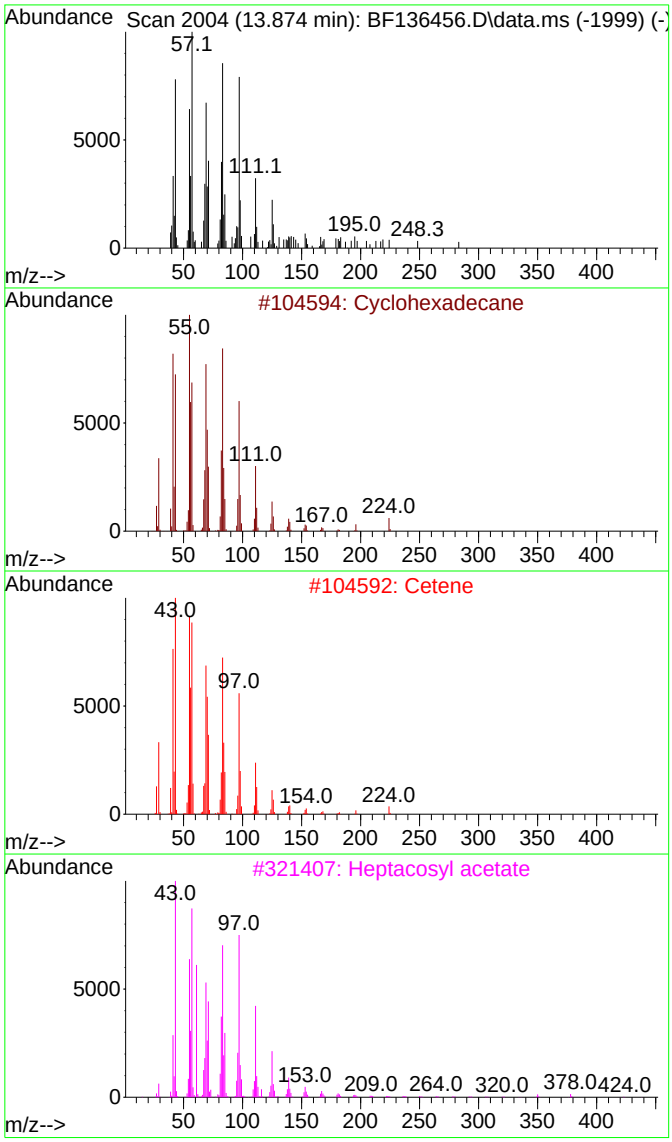
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

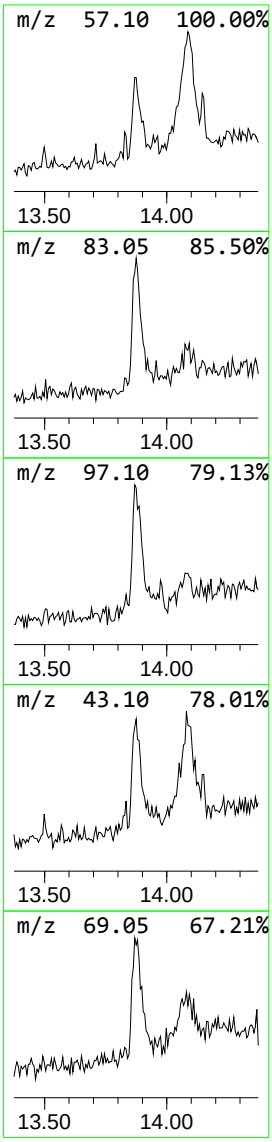
****

Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.46 ng	136858	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Cetene	224	C16H32	000629-73-2	80
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	74
4	Octacosanol	410	C28H58O	000557-61-9	74
5	1-Tridecene	182	C13H26	002437-56-1	62





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

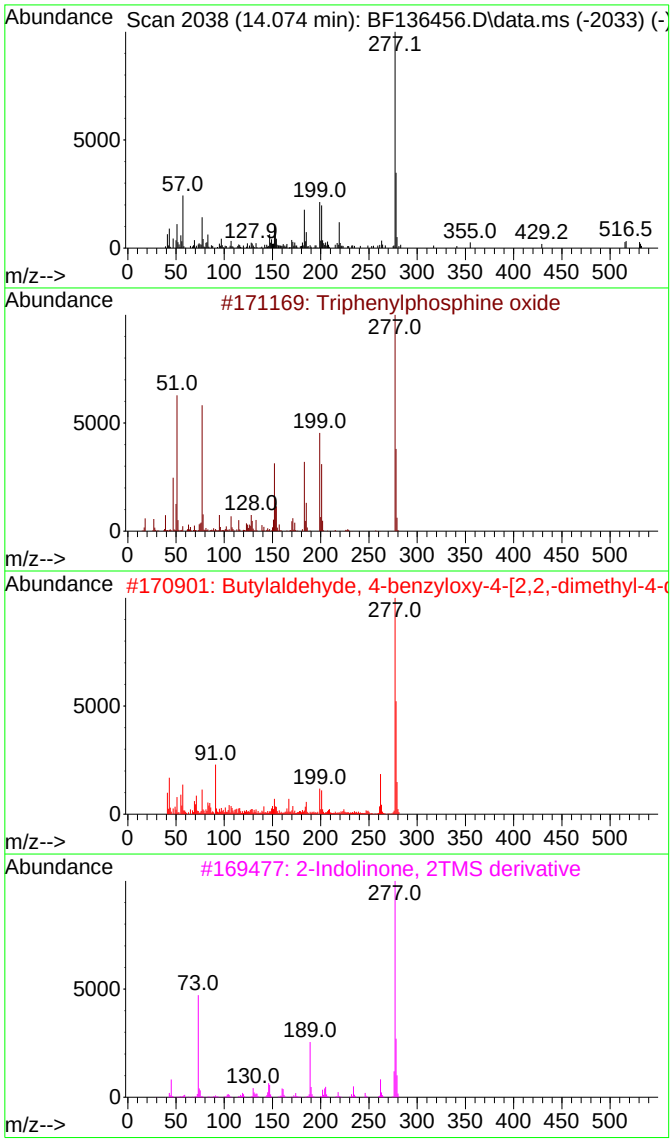
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

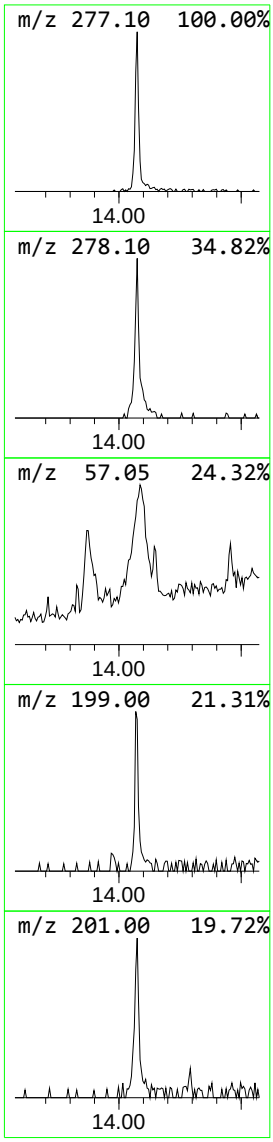
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	6.59 ng	202469	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	99
2	Butylaldehyde, 4-benzyloxy-4-[2,...	278	C16H22O4	149180-87-0	58
3	2-Indolinone, 2TMS derivative	277	C14H23NOSi2	010416-65-6	50
4	4-Cyano-8-trifluoromethylnaphtho...	277	C14H6F3NS	037094-50-1	46
5	6,7-Dimethoxy-4-quinolinol, trim...	277	C14H19NO3Si	1000463-48-5	43





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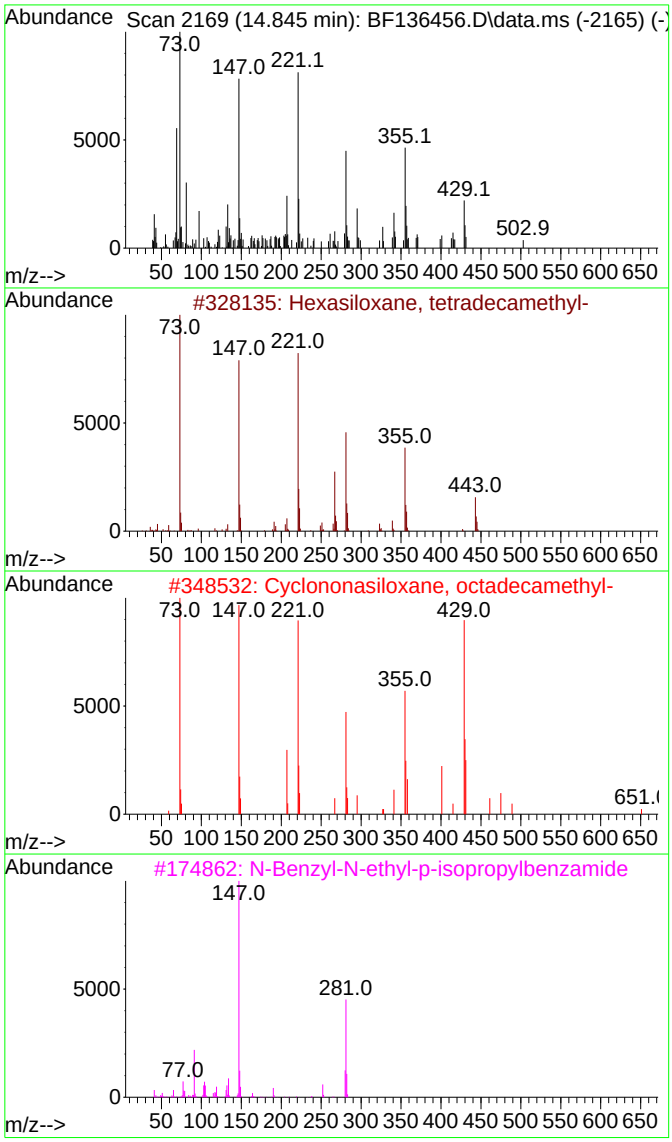
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

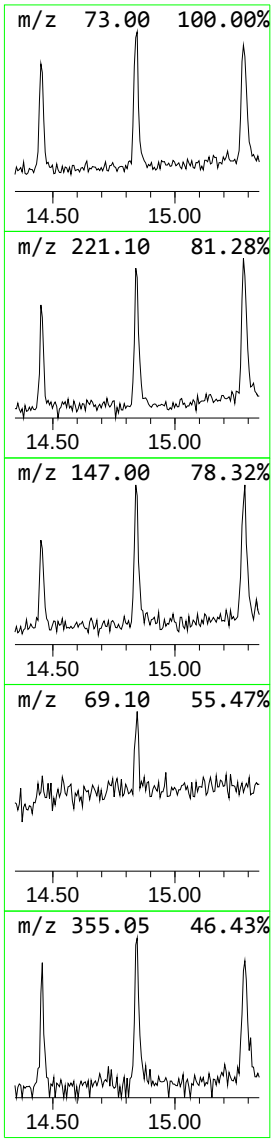
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexasiloxane, tetradecamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.845	2.49 ng	62033	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	72
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	72
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	25
4	Benzophenone-2,4',5-tricarboxyli...	356	C19H16O7	345651-64-1	22
5	(E)-2-Hydroxy-4'-cyano-stilbene	221	C15H11NO	1000147-85-5	18





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.110	19.7	ng	598902	1	6.798	608149	20.0
Propane, 1,1-di...	2.222	2.2	ng	66354	1	6.798	608149	20.0
unknown5.057	5.057	2.1	ng	62584	1	6.798	608149	20.0
n-Hexadecanoic ...	11.863	8.8	ng	250912	4	11.322	567856	20.0
Cyclohexadecane	13.874	4.5	ng	136858	5	13.974	614194	20.0
Triphenylphosph...	14.074	6.6	ng	202469	5	13.974	614194	20.0
Hexasiloxane, t...	14.845	2.5	ng	62033	6	15.457	498136	20.0