LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131644.D
Acq On : 15 Dec 2022 12:25
Operator : CG\JU
Sample : N6038-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131644.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	20	rVB	320407	395993	20.78%	2.994%
2	5.087	505	510	517	rVB	198508	230861	12.12%	1.745%
3	5.493	575	579	583	rBV	1612346	1523312	79.95%	11.517%
4	6.510	747	752	755	rBV	1676963	1550668	81.39%	11.724%
5	6.881	811	815	818	rBV	527389	417476	21.91%	3.156%
6	7.445	906	911	914	rBV	1104959	1003434	52.66%	7.586%
7	8.169	1030	1034	1037	rBV	648357	530821	27.86%	4.013%
8	9.251	1212	1218	1221	rBV	2144416	1887693	99.07%	14.272%
9	9.933	1329	1334	1337	rBV	732464	631431	33.14%	4.774%
10	10.651	1452	1456	1459	rBV	223899	176782	9.28%	1.337%
11	10.728	1464	1469	1472	rBV	1391867	1251555	65.69%	9.462%
12	11.427	1584	1588	1591	rBV	821356	676312	35.50%	5.113%
13	11.951	1672	1677	1687	rBV	80732	98562	5.17%	0.745%
14	12.204	1717	1720	1723	rBV	41009	35070	1.84%	0.265%
15	13.021	1854	1859	1862	rBV	2301829	1905341	100.00%	14.405%
16	13.963	2013	2019	2021	rBV4	16744	38120	2.00%	0.288%
17	14.080	2035	2039	2042	rBV	457443	422520	22.18%	3.194%
18	14.174	2051	2055	2060	rVB	21943	22039	1.16%	0.167%
19	14.939	2181	2185	2188	rVB	53829	53142	2.79%	0.402%
20	15.580	2289	2294	2305	rVB	292736	375733	19.72%	2.841%

Sum of corrected areas: 13226865

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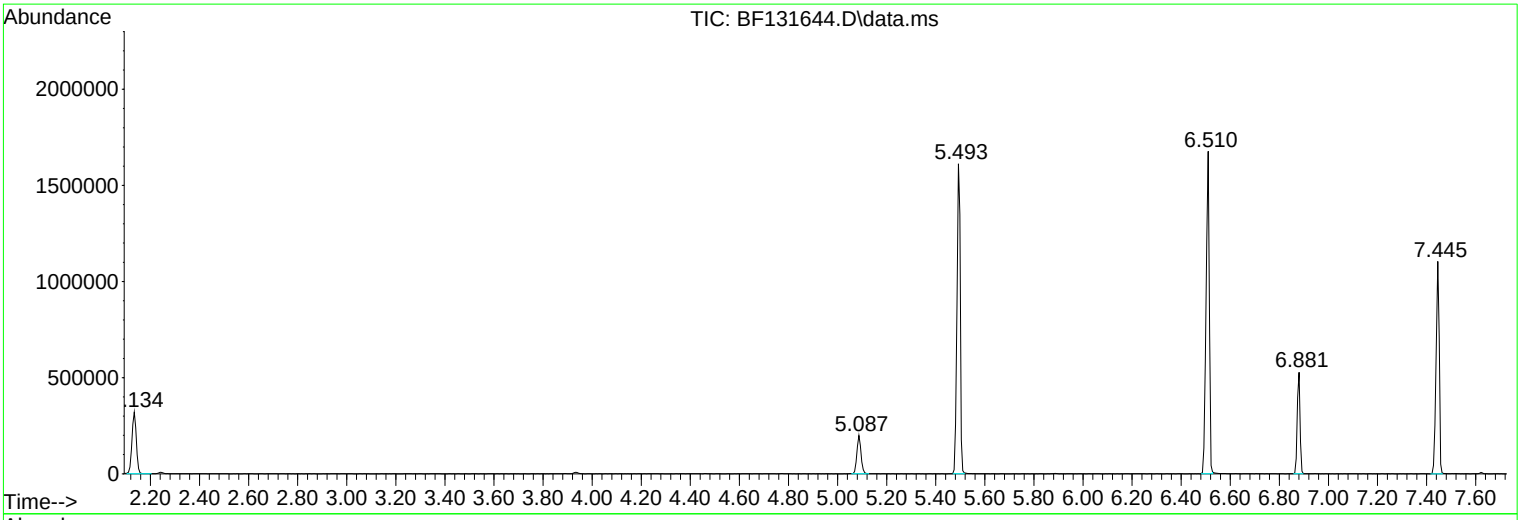
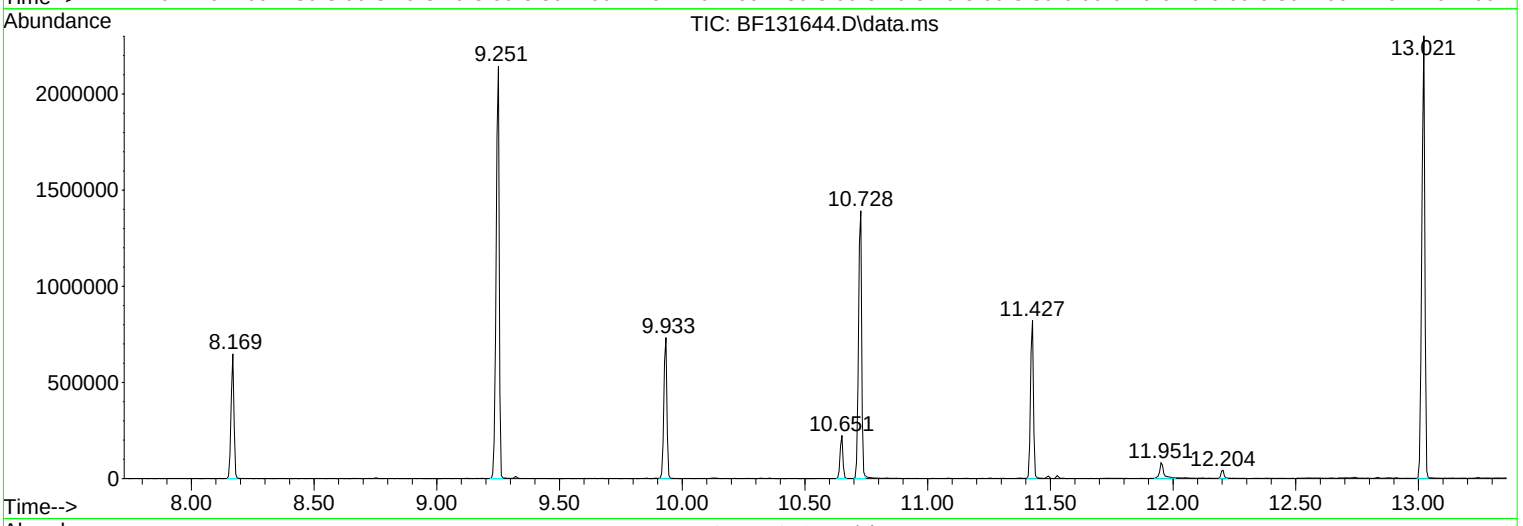
Misc :
ALS Vial : 5 Sample Multiplier: 1

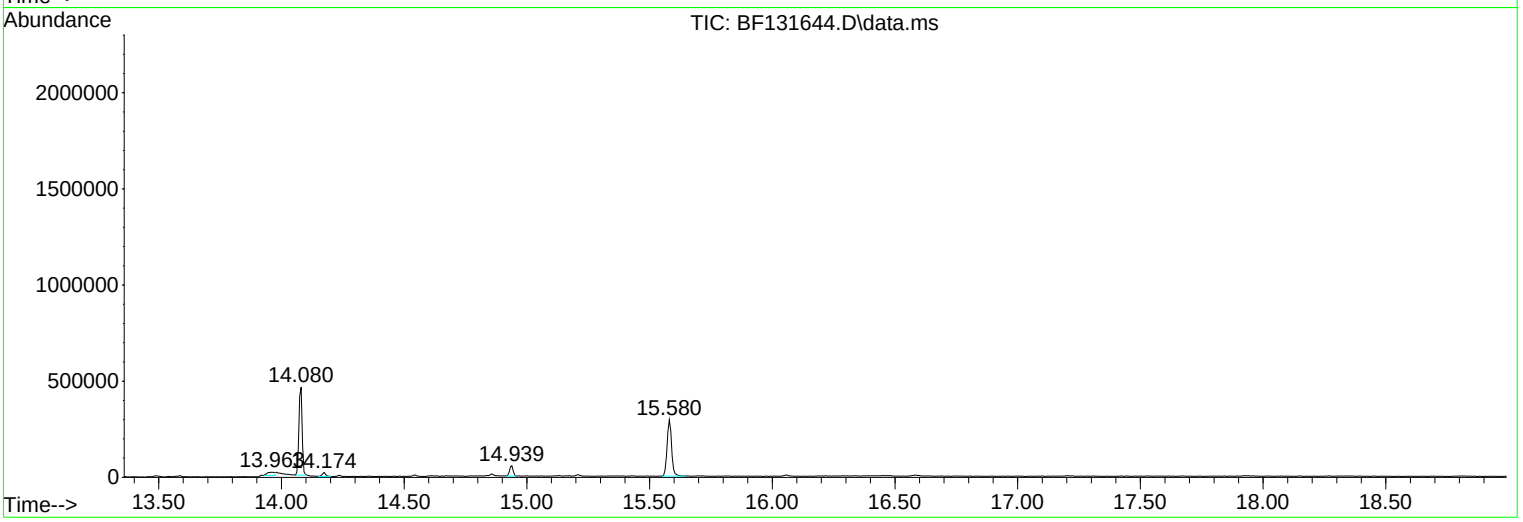
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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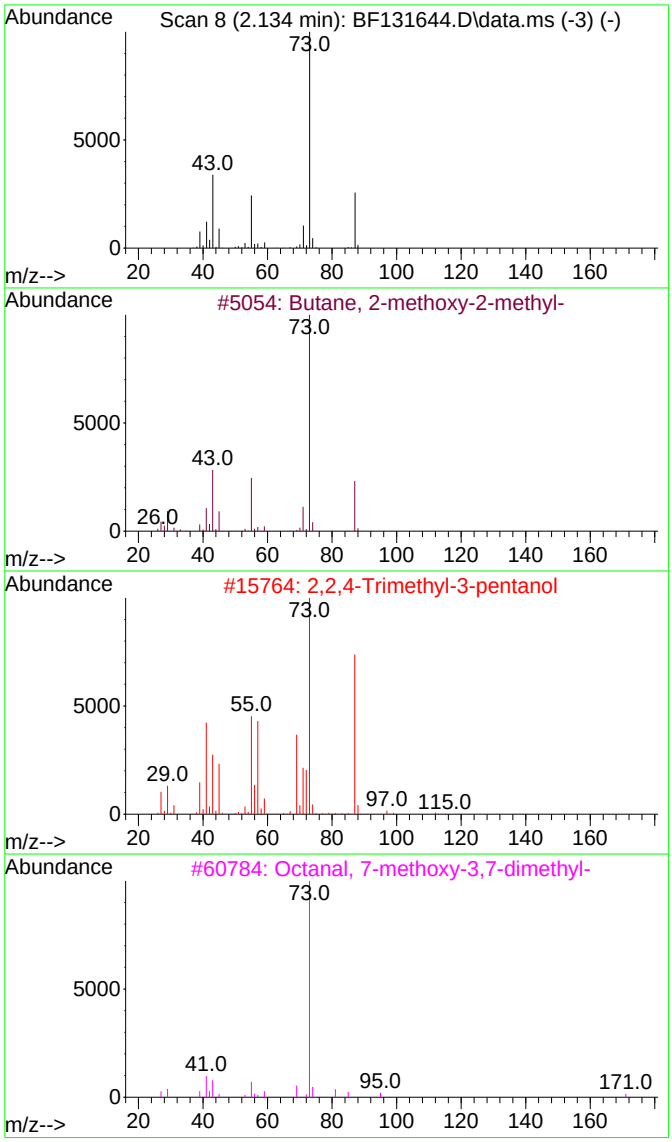
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

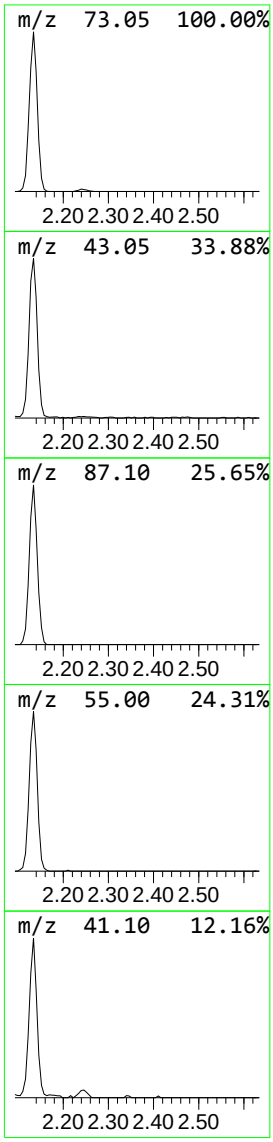
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	18.97 ng	395993	1,4-Dichlorobenzene-d4	6.881

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	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Instrument :
BNA_F
ClientSampleId :
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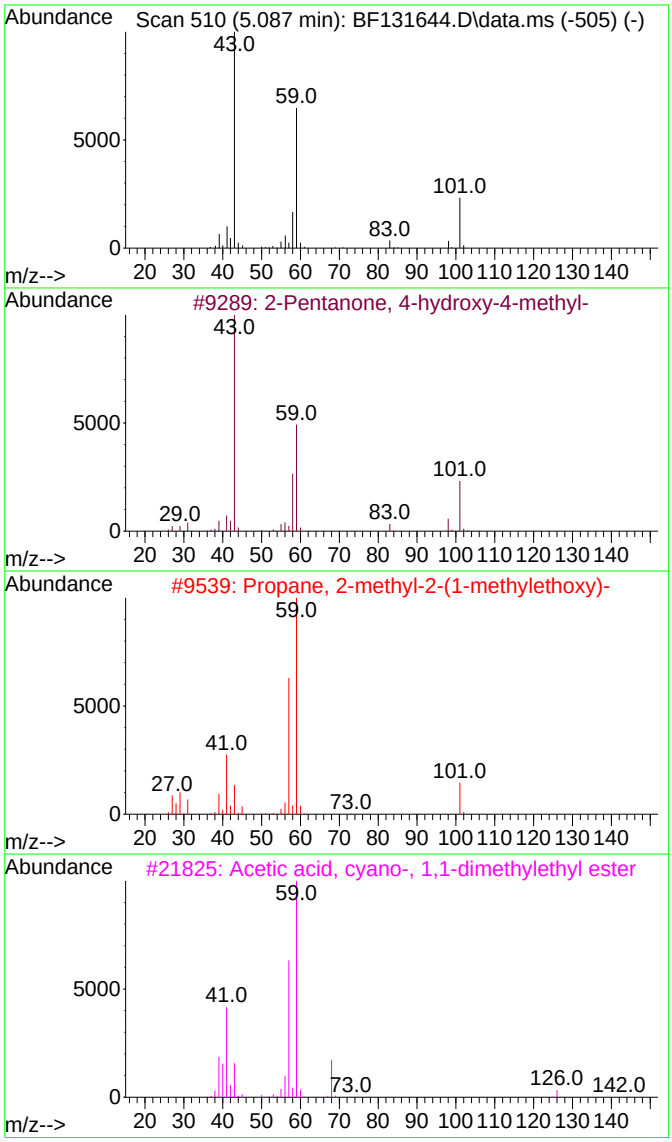
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

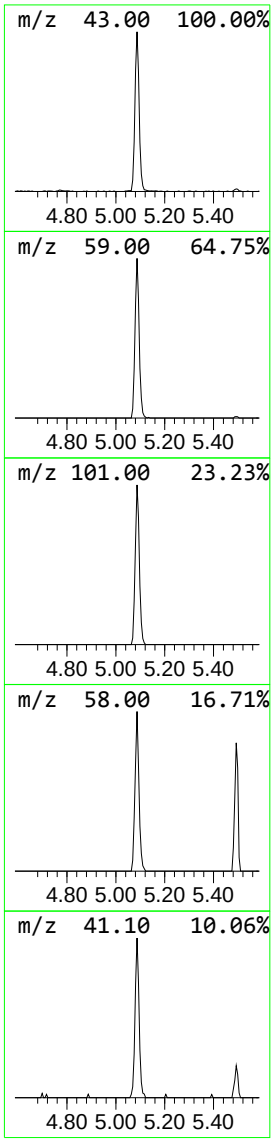
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	11.06 ng	230861	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Acq On : 15 Dec 2022 12:25
Operator : CG\JU
Sample : N6038-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
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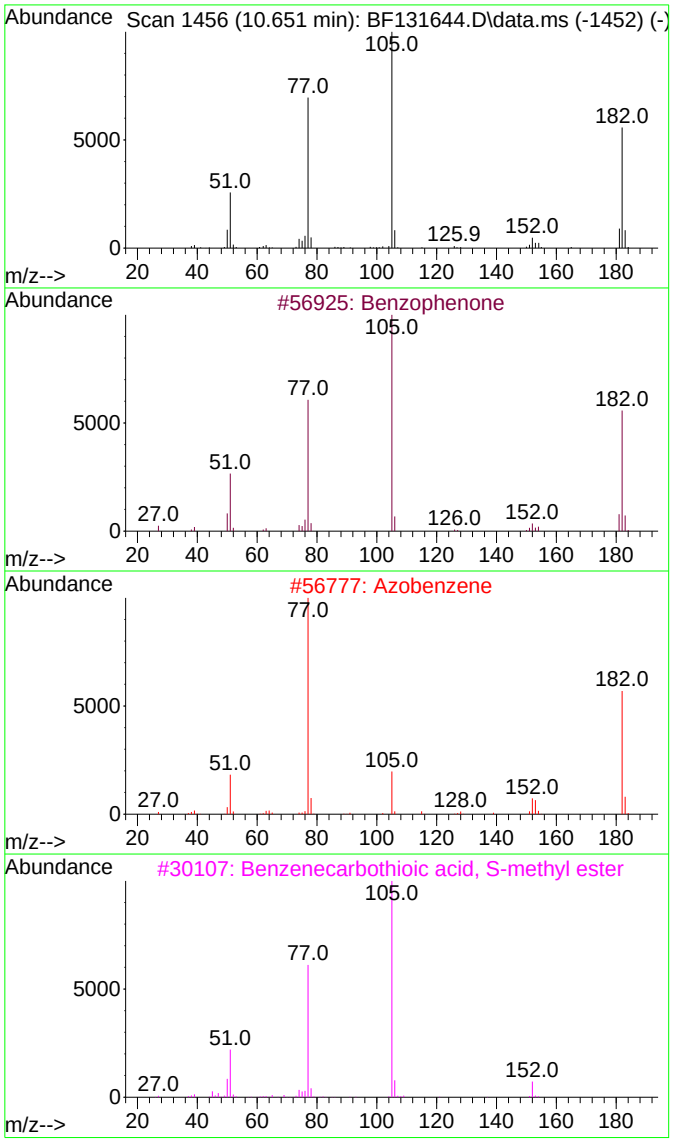
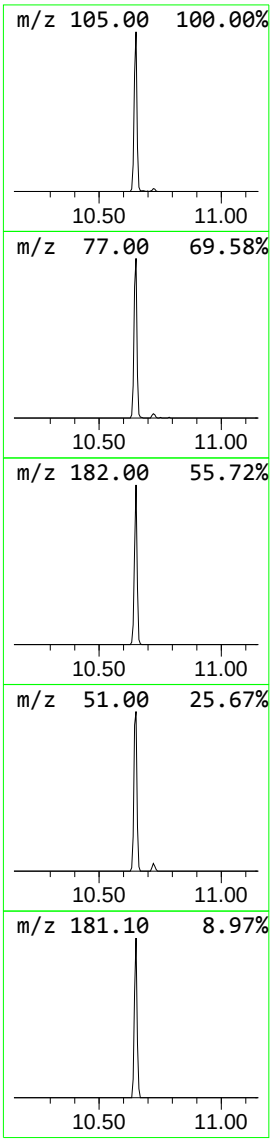
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	5.60 ng	176782	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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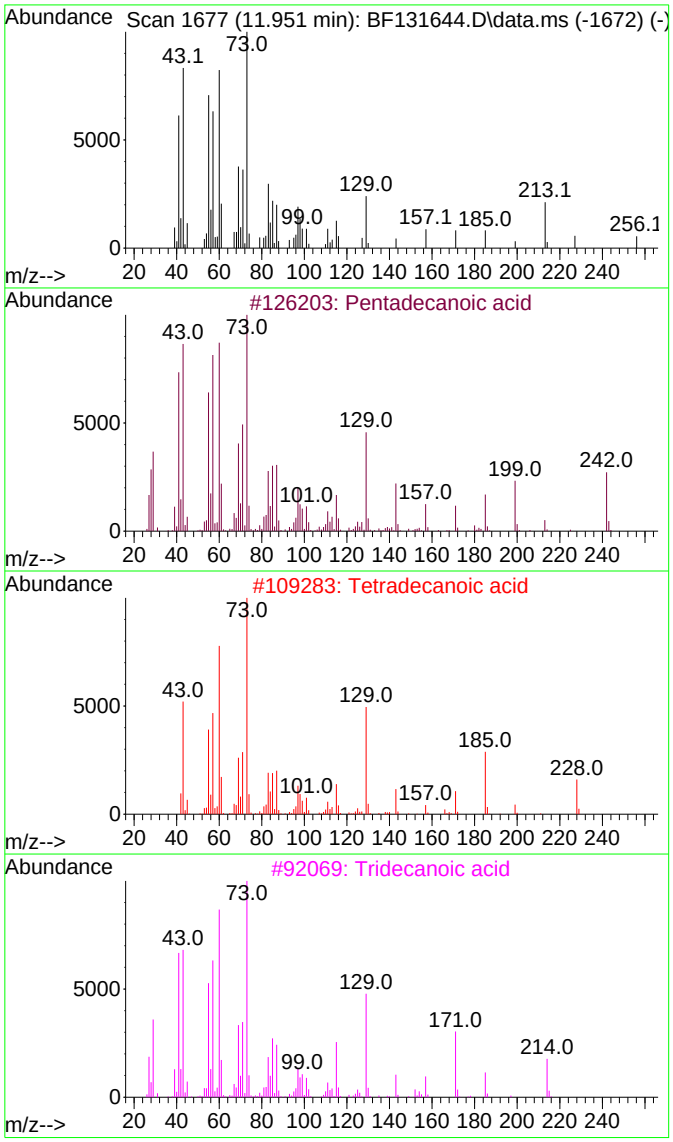
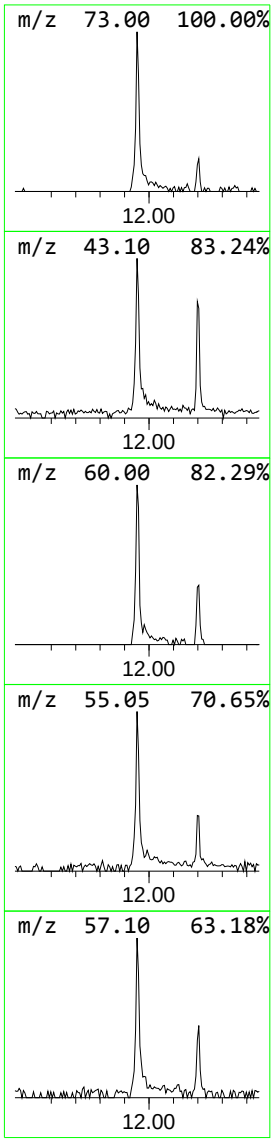
****

Peak Number 4 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.91 ng	98562	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Sample : N6038-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

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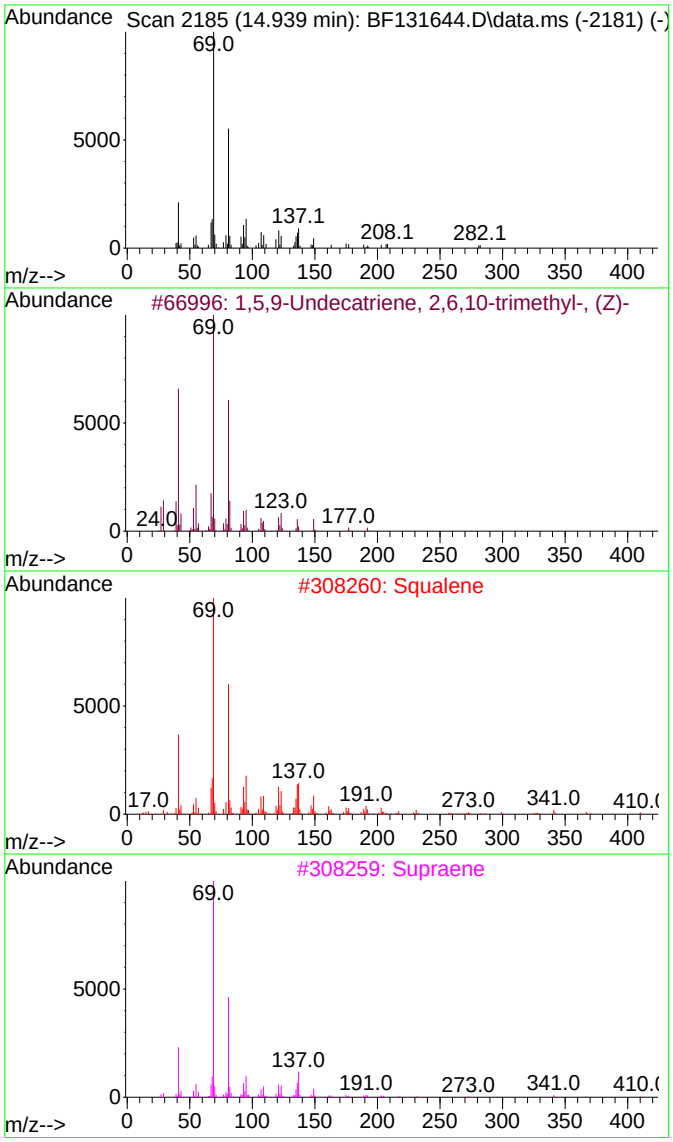
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

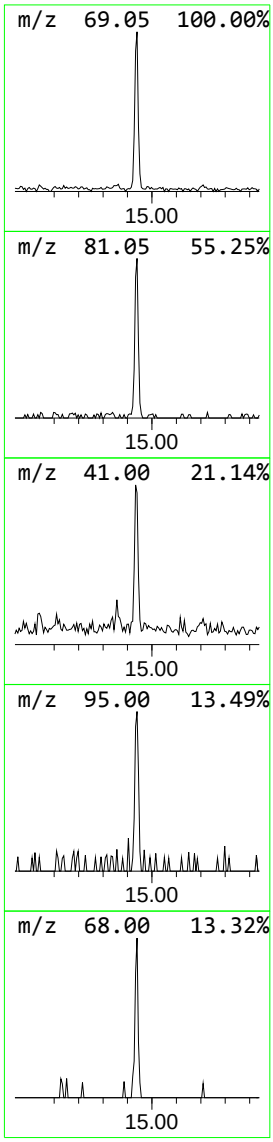
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.939	2.83 ng	53142	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
2	Squalene	410	C30H50	000111-02-4	78
3	Supraene	410	C30H50	007683-64-9	74
4	trans-Farnesol	222	C15H26O	000106-28-5	64
5	Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	64





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...	2.134	19.0	ng	395993	1	6.881	417476	20.0
2-Pentanone, 4-...	5.087	11.1	ng	230861	1	6.881	417476	20.0
Benzophenone	10.651	5.6	ng	176782	3	9.933	631431	20.0
Pentadecanoic acid	11.951	2.9	ng	98562	4	11.428	676312	20.0
1,5,9-Undecatri...	14.939	2.8	ng	53142	6	15.580	375733	20.0