LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009291.D
Acq On : 07 Mar 2022 18:26
Operator : CG/JU
Sample : N1806-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUM-26

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009291.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	11	15	31	rVB	1097534	1699923	7.20%	1.273%
2	5.416	406	413	431	rBV	8559809	13741656	58.22%	10.289%
3	6.993	672	681	700	rBV	8225856	13922930	58.99%	10.425%
4	7.822	814	822	830	rBV	1811809	3082365	13.06%	2.308%
5	8.975	1009	1018	1031	rBV	5066087	8933684	37.85%	6.689%
6	10.610	1287	1296	1310	rBV	2264708	4145650	17.57%	3.104%
7	13.081	1709	1716	1729	rVB	11850915	18947613	80.28%	14.187%
8	14.457	1943	1950	1957	rBV	3288250	5008339	21.22%	3.750%
9	15.951	2196	2204	2216	rBV	9178622	14037488	59.48%	10.511%
10	17.216	2412	2419	2424	rBV	3679665	5625257	23.83%	4.212%
11	17.257	2424	2426	2432	rVB	191756	236811	1.00%	0.177%
12	18.122	2569	2573	2582	rBV	484815	657302	2.79%	0.492%
13	19.233	2757	2762	2771	rBV	573048	902025	3.82%	0.675%
14	19.592	2814	2823	2833	rBV2	500490	1312576	5.56%	0.983%
15	19.798	2852	2858	2868	rVB	16962699	23601026	100.00%	17.672%
16	21.051	3067	3071	3076	rBV	912573	1162938	4.93%	0.871%
17	21.321	3111	3117	3122	rBV	4472607	6557873	27.79%	4.910%
18	21.980	3225	3229	3238	rVB2	321022	553724	2.35%	0.415%
19	22.139	3252	3256	3265	rVB	704871	1090595	4.62%	0.817%
20	23.468	3479	3482	3488	rVB2	300918	479983	2.03%	0.359%
21	23.733	3520	3527	3546	rVB	2982233	6479439	27.45%	4.852%
22	24.992	3736	3741	3753	rVB3	549287	1373541	5.82%	1.028%

Sum of corrected areas: 133552738

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ClientSampleId :
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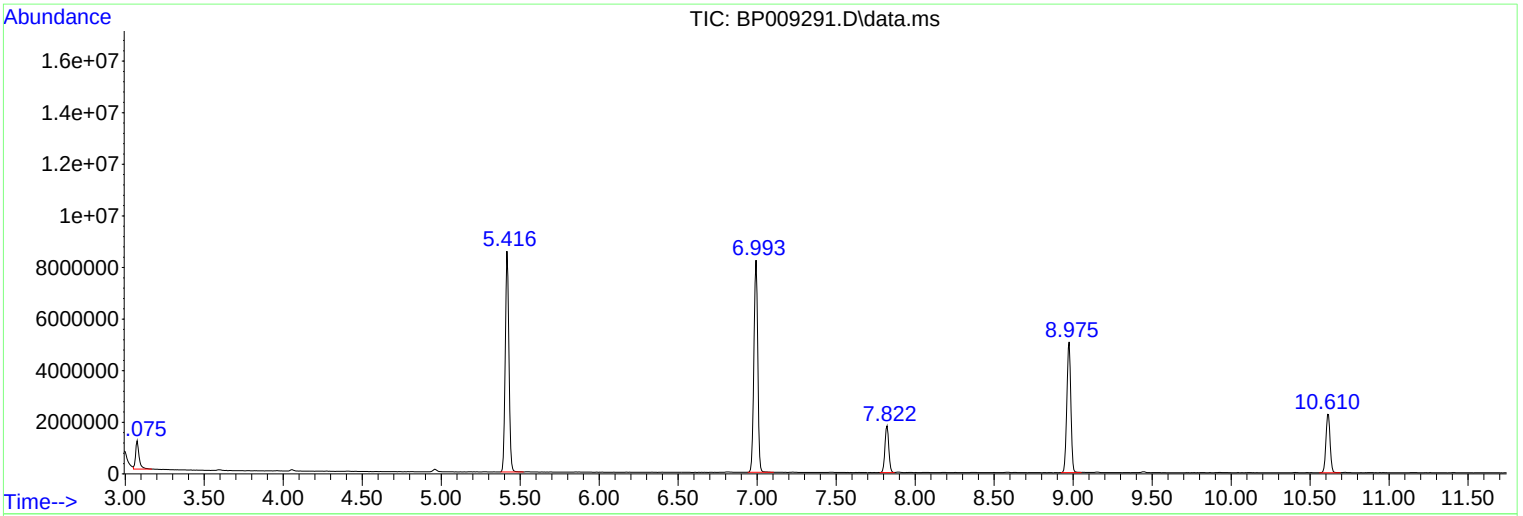
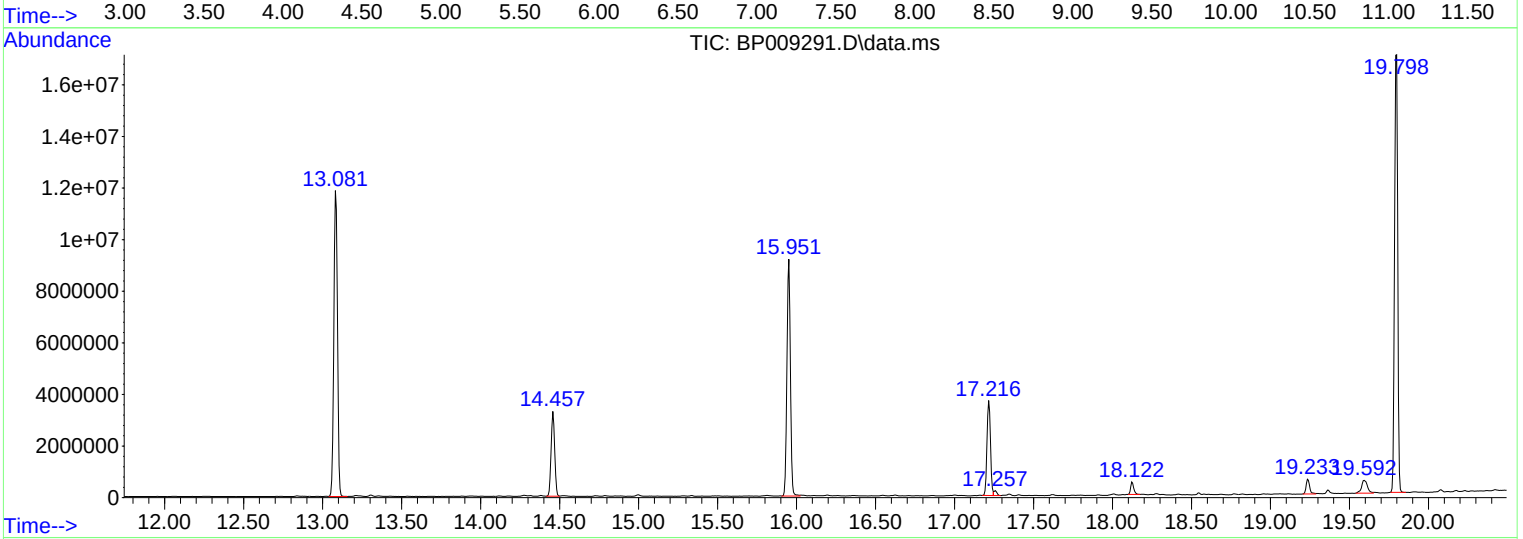
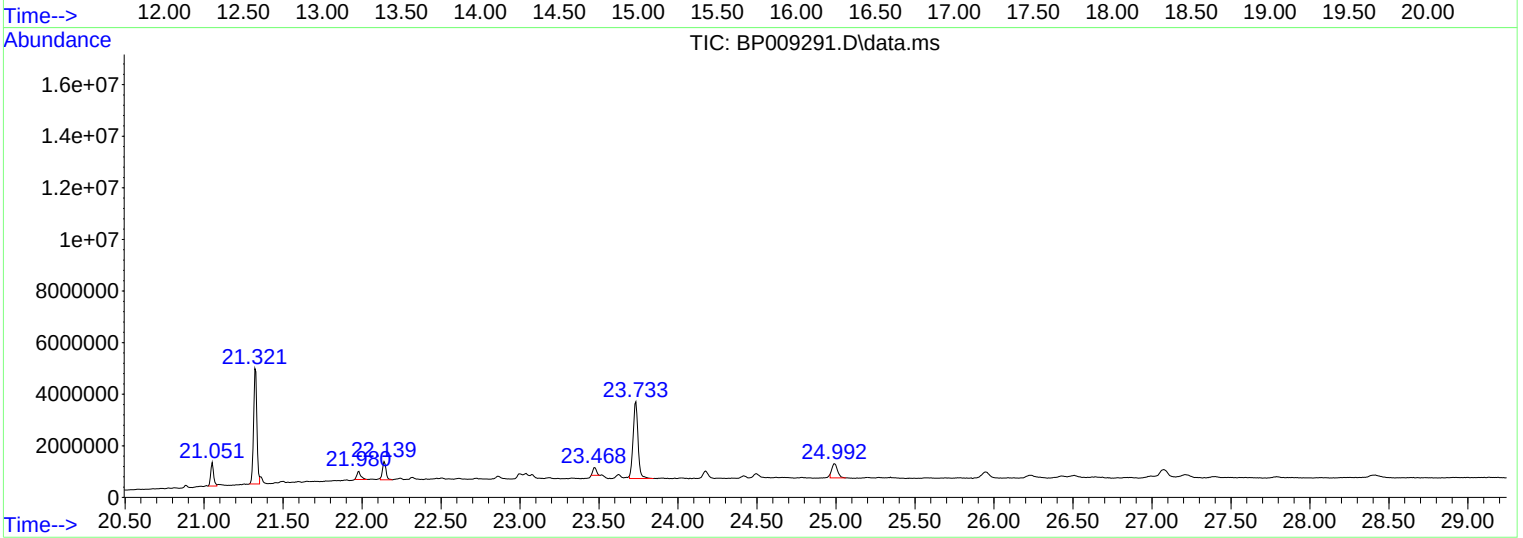
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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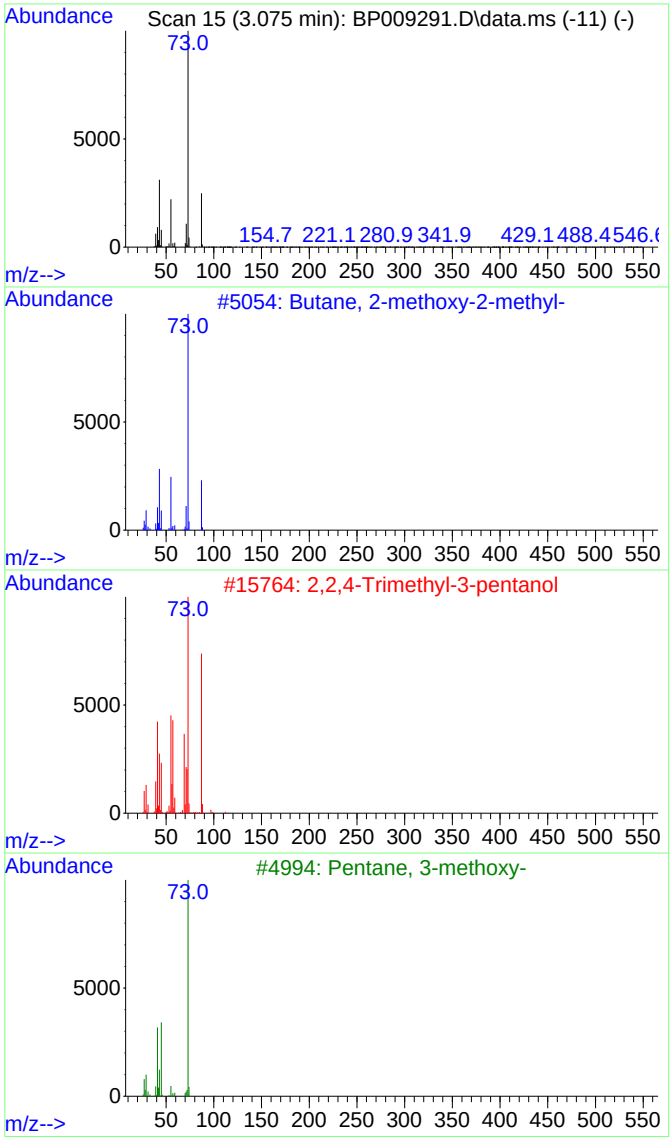
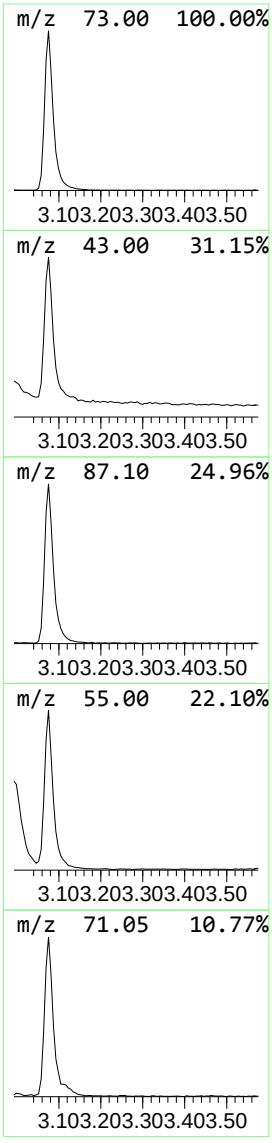
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	11.03 ng	1699920	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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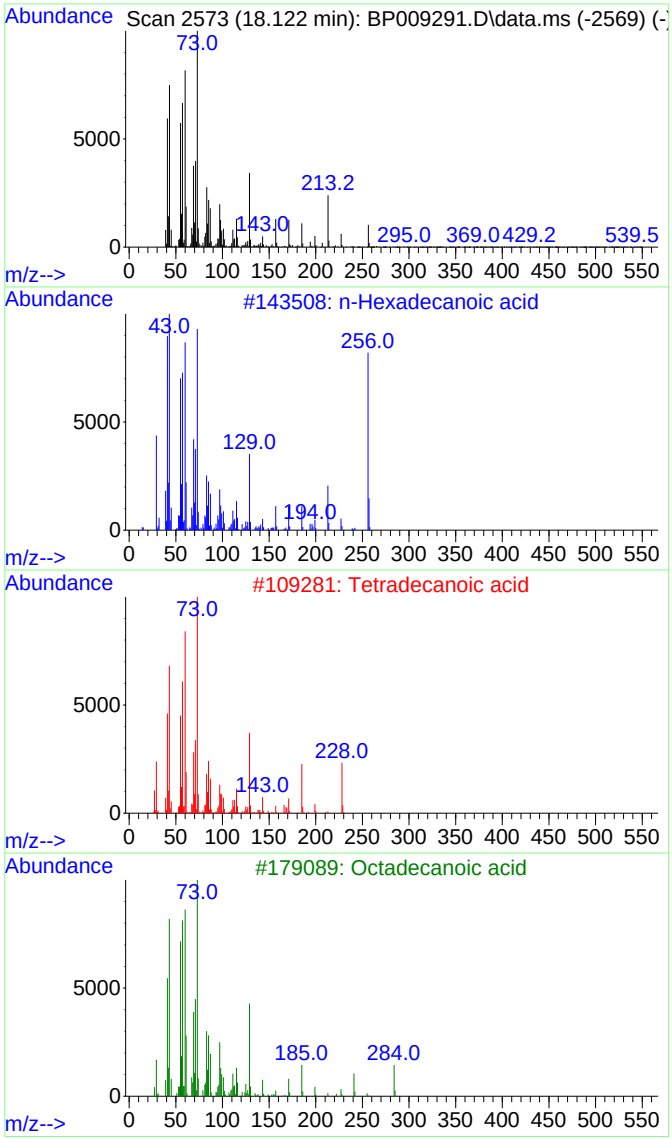
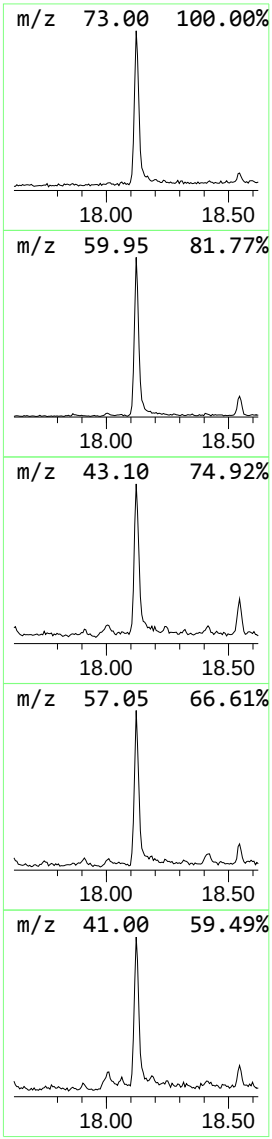
Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.34 ng	657302	Phenanthrene-d10	17.216

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	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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BNA_P
ClientSampleId :
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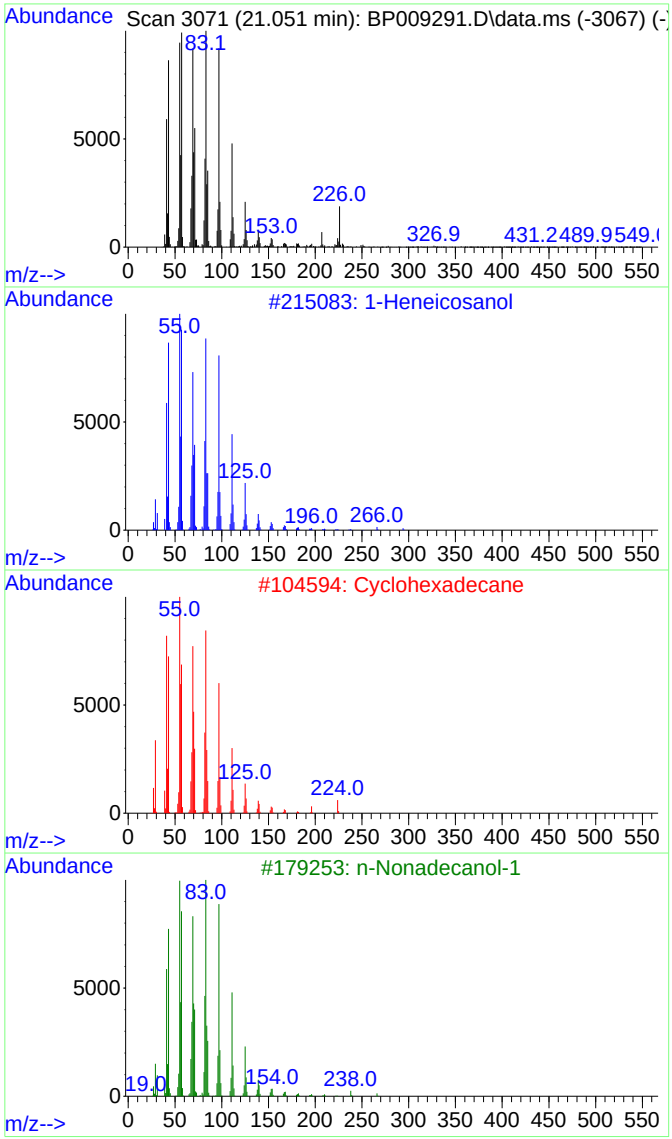
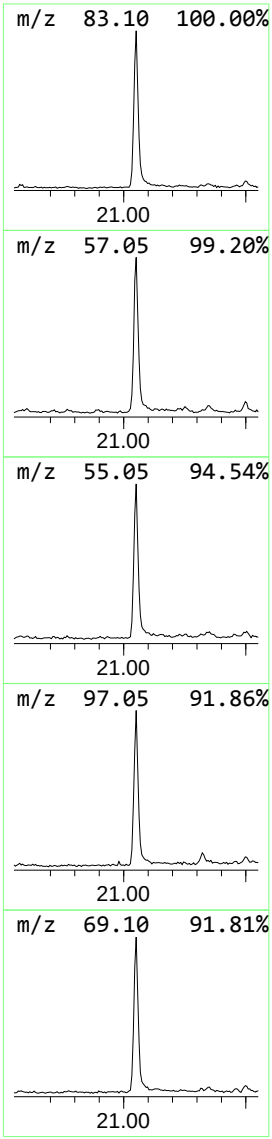
Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.55 ng	1162940	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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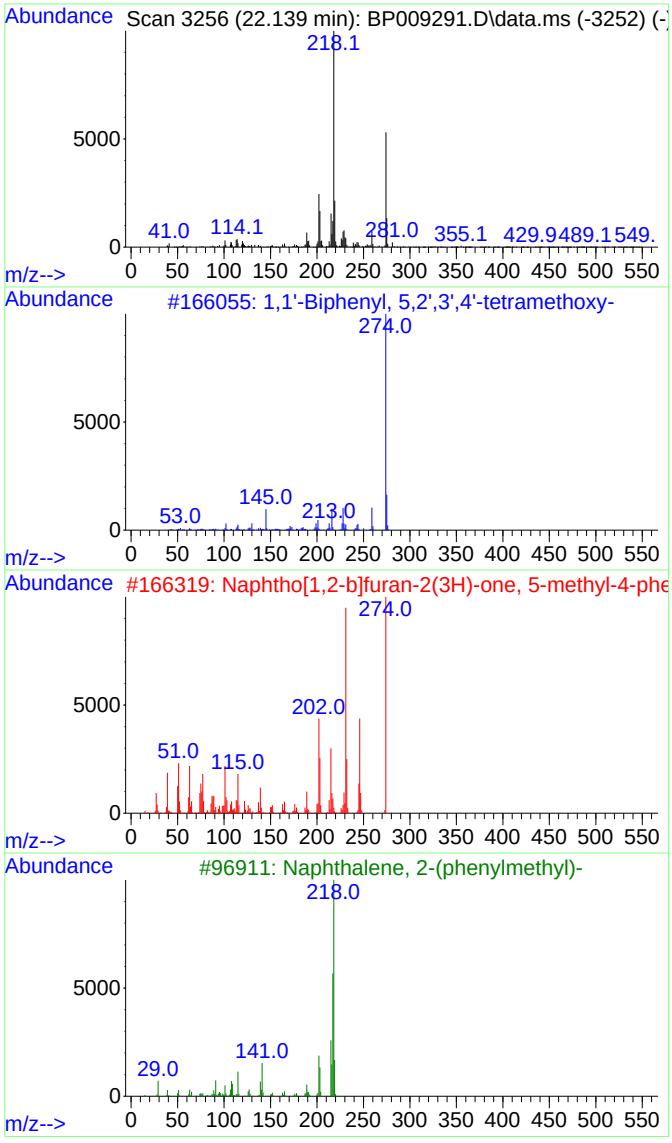
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

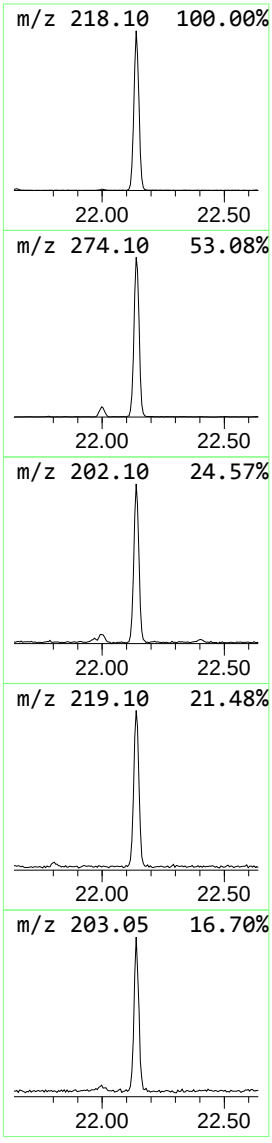
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.139	3.33 ng	1090600	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	56
2	Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	55
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
4	3,6-Dibora-2,4,5,7-tetraoxaphena...	274	C12H12B2O6	1000159-66-2	52
5	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49





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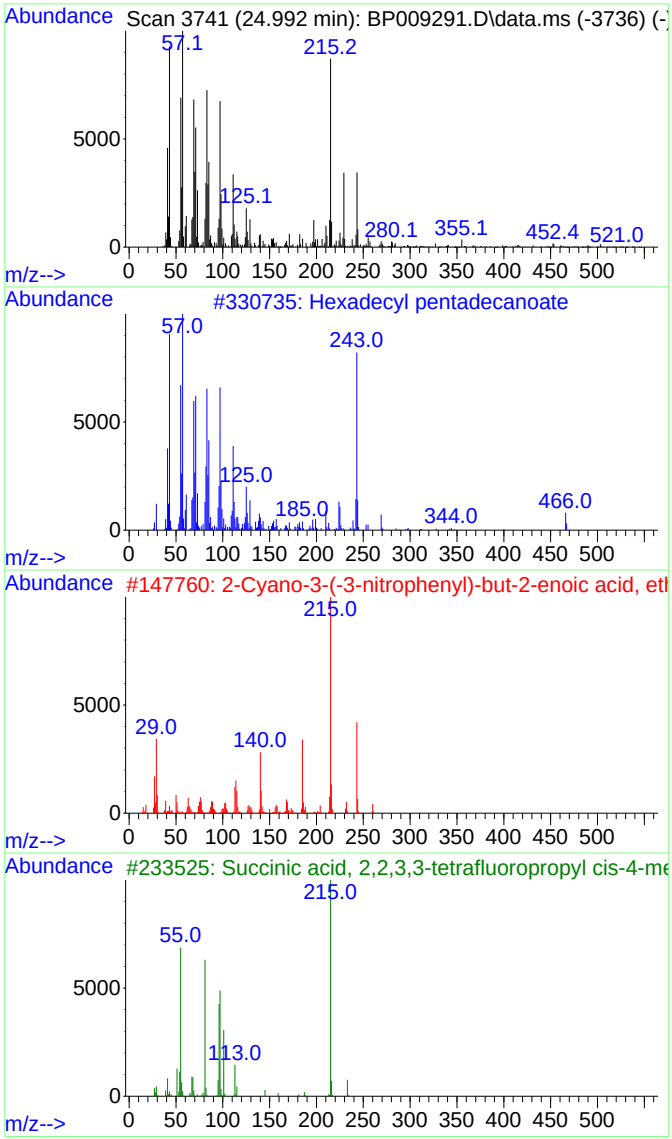
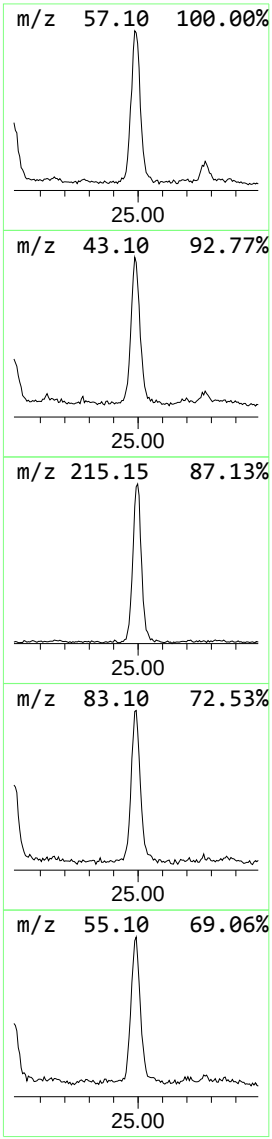
****

Peak Number 6 Hexadecyl pentadecanoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.992	4.24 ng	1373540	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecyl pentadecanoate	466	C31H62O2	036617-33-1	50
2	2-Cyano-3-(-3-nitrophenyl)-but-2...	260	C13H12N2O4	014442-35-4	35
3	Succinic acid, 2,2,3,3-tetrafluo...	328	C14H20F4O4	1000390-05-3	32
4	1-Methyl-5-phenylsulfanyl-1H-pyr...	215	C11H9N3S	1000311-79-9	27
5	Kinetin	215	C10H9N5O	000525-79-1	27





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...	3.075	11.0	ng	1699920	1	7.822	3082370	20.0
n-Hexadecanoic ...	18.122	2.3	ng	657302	4	17.216	5625260	20.0
1-Heneicosanol	21.051	3.5	ng	1162940	5	21.321	6557870	20.0
1,1'-Biphenyl, ...	22.139	3.3	ng	1090600	5	21.321	6557870	20.0
Hexadecyl penta...	24.992	4.2	ng	1373540	6	23.733	6479440	20.0