LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132006.D
Acq On : 10 Jan 2023 20:29
Operator : CG\JU
Sample : N6243-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-8

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132006.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	35	46	52	rBV	35605	54977	3.53%	0.493%
2	4.987	487	493	503	rVB	455804	611754	39.28%	5.488%
3	5.398	559	563	577	rVB	1477679	1416588	90.96%	12.708%
4	6.428	734	738	748	rBV	1562100	1417387	91.01%	12.715%
5	6.781	794	798	802	rBV	556851	431684	27.72%	3.872%
6	7.357	891	896	898	rBV	978147	957213	61.46%	8.587%
7	8.069	1013	1017	1021	rBV	582971	490983	31.53%	4.404%
8	9.151	1197	1201	1204	rVB	1929930	1557386	100.00%	13.971%
9	9.528	1262	1265	1270	rBV6	21365	29007	1.86%	0.260%
10	9.692	1290	1293	1295	rBV3	23197	25989	1.67%	0.233%
11	9.733	1298	1300	1302	rVB2	33440	24788	1.59%	0.222%
12	9.757	1302	1304	1309	rBV4	15763	21077	1.35%	0.189%
13	9.833	1313	1317	1320	rVB	567058	490339	31.48%	4.399%
14	10.163	1368	1373	1375	rBV6	23093	36377	2.34%	0.326%
15	10.233	1382	1385	1387	rBV2	45861	39889	2.56%	0.358%
16	10.257	1387	1389	1392	rBV3	19889	21018	1.35%	0.189%
17	10.551	1436	1439	1442	rBV	320004	245934	15.79%	2.206%
18	10.627	1448	1452	1455	rBV	857662	756215	48.56%	6.784%
19	10.745	1468	1472	1479	rBV	95515	128979	8.28%	1.157%
20	11.216	1550	1552	1557	rVB2	75103	69349	4.45%	0.622%
21	11.322	1567	1570	1573	rBV	496504	470318	30.20%	4.219%
22	12.921	1838	1842	1845	rBV	1418811	1126093	72.31%	10.102%
23	13.986	2020	2023	2025	rVB	378240	353576	22.70%	3.172%
24	15.457	2270	2273	2278	rVB	313072	370659	23.80%	3.325%

Sum of corrected areas: 11147579

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ClientSampleId :
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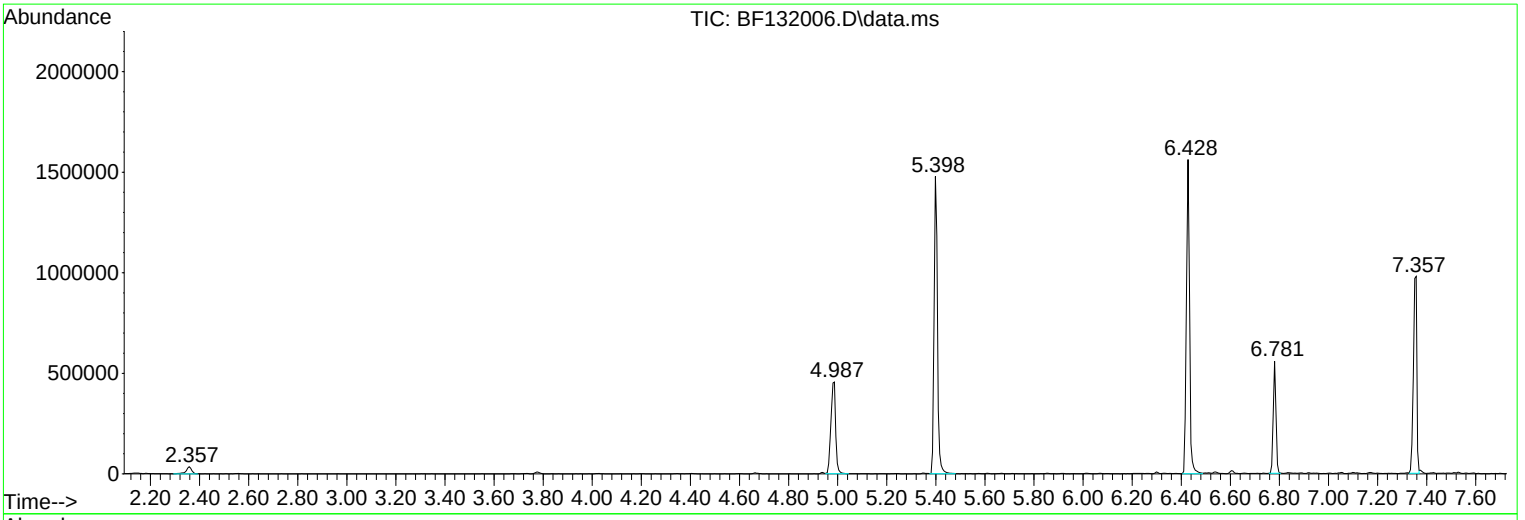
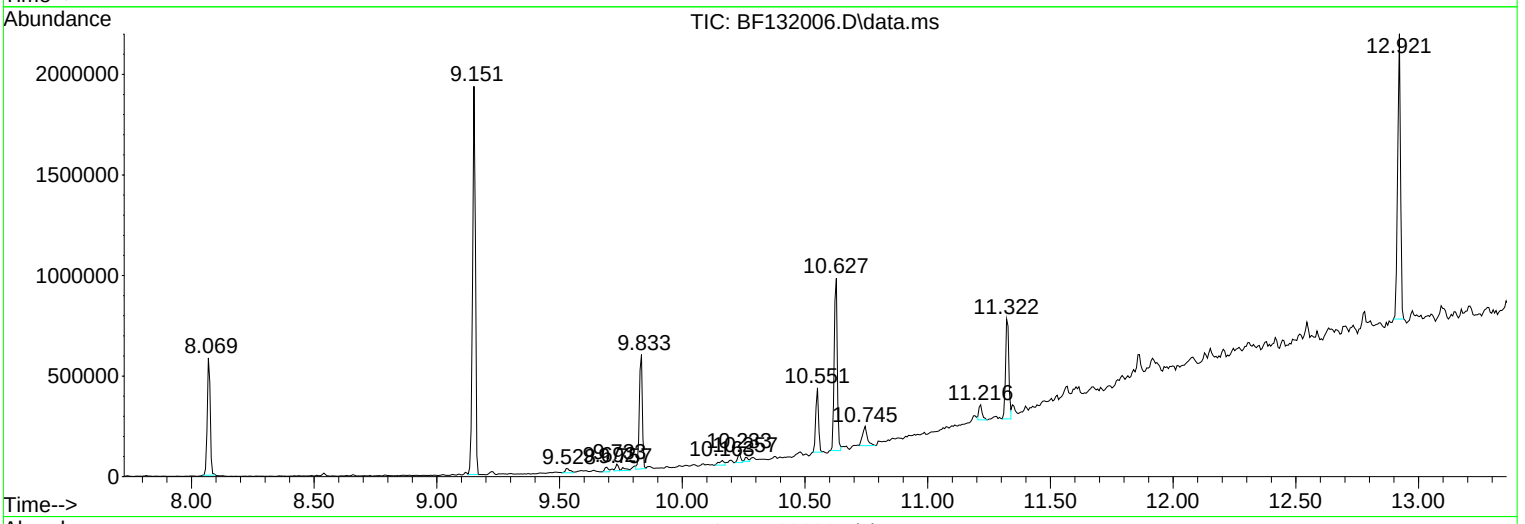
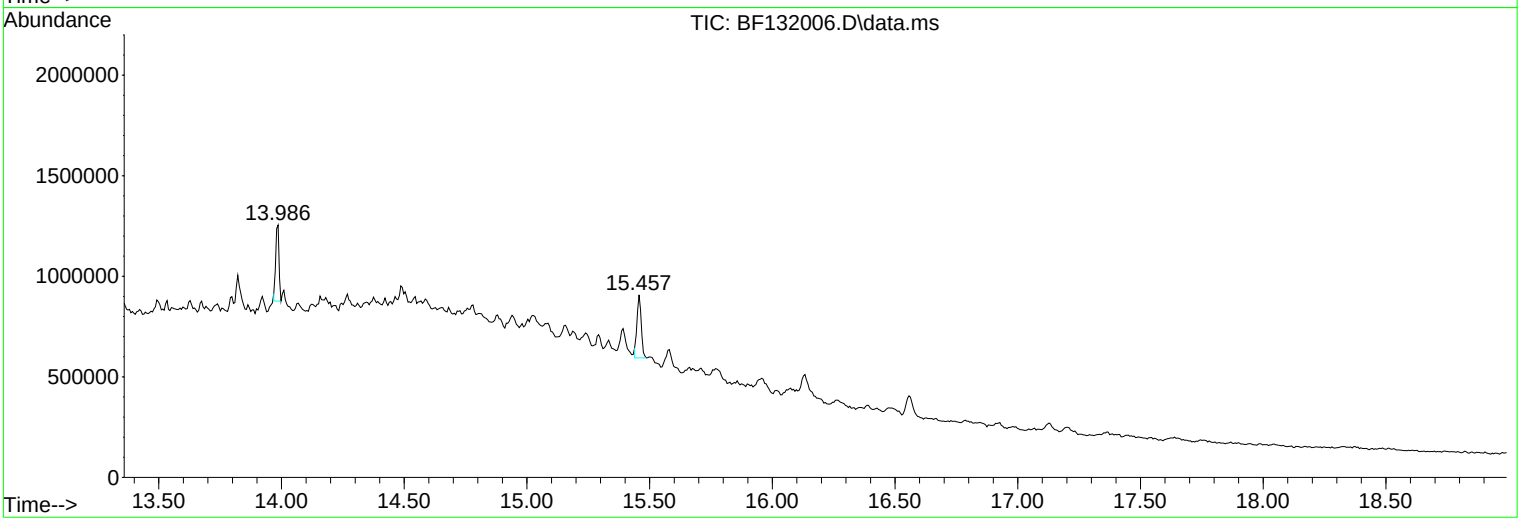
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

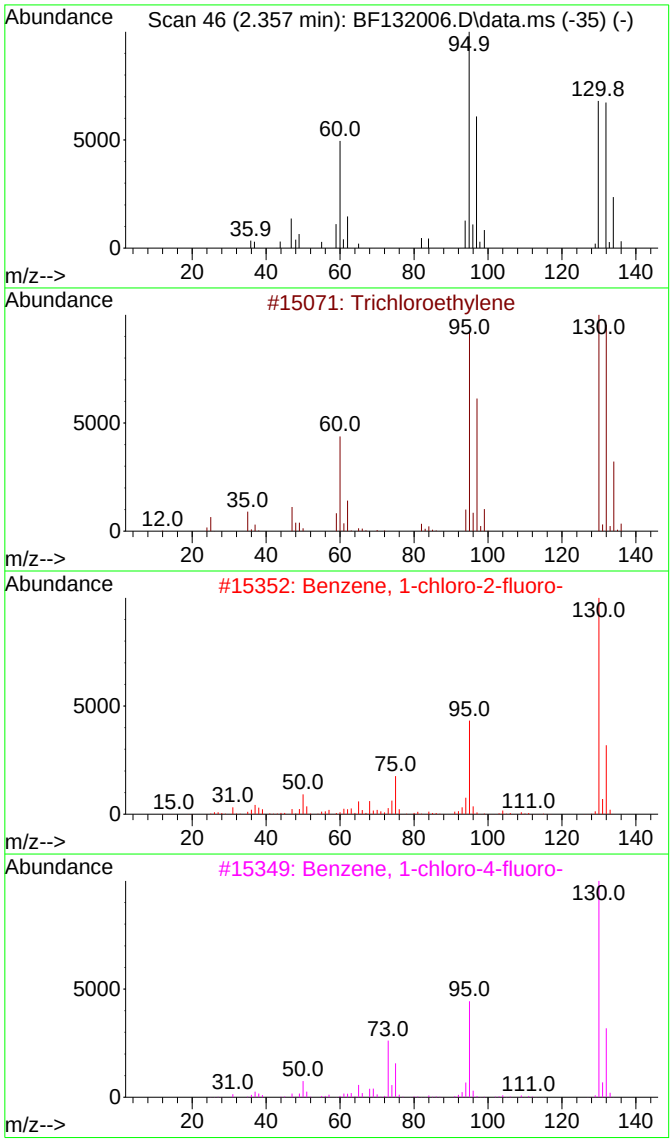
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

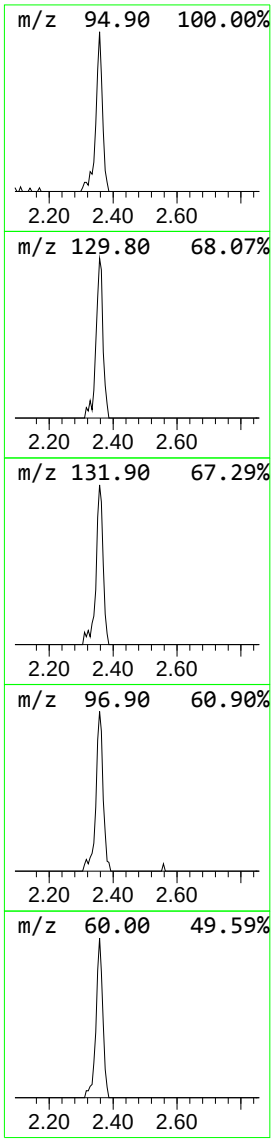
****

Peak Number 1 Trichloroethylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	2.55 ng	54977	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	97
2	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	27
3	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	27
4	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	22
5	6-Chloro-4-hydroxypyrimidine	130	C4H3ClN2O	004765-77-9	12





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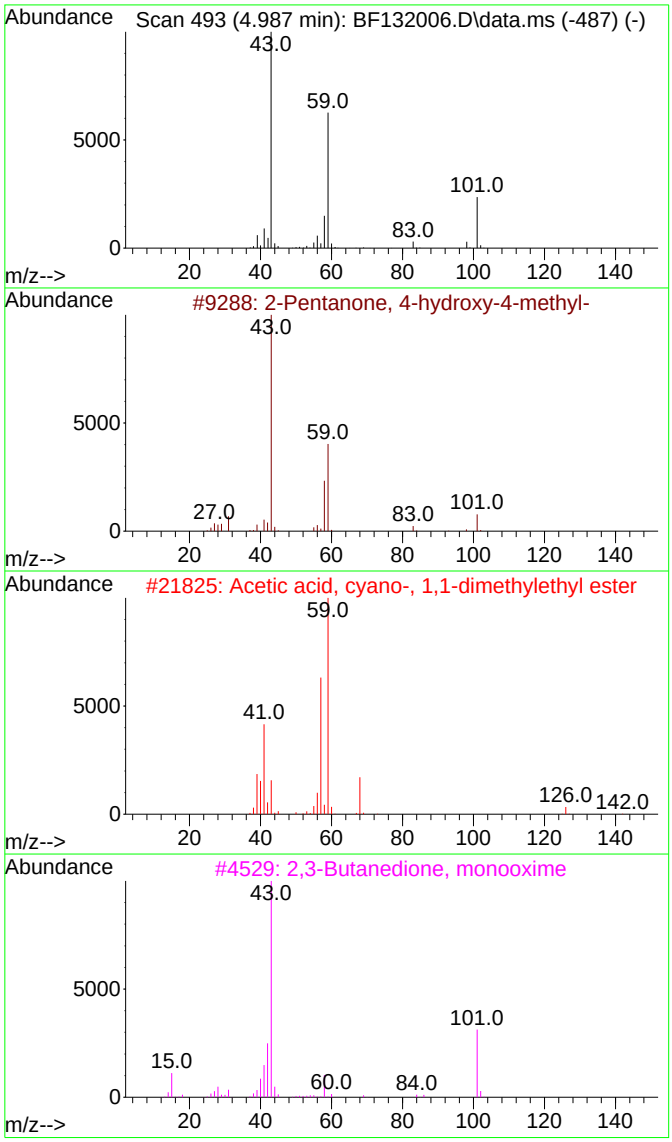
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

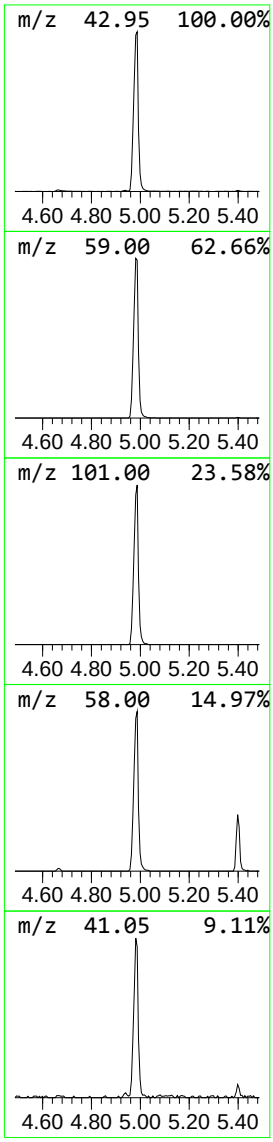
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	28.34 ng	611754	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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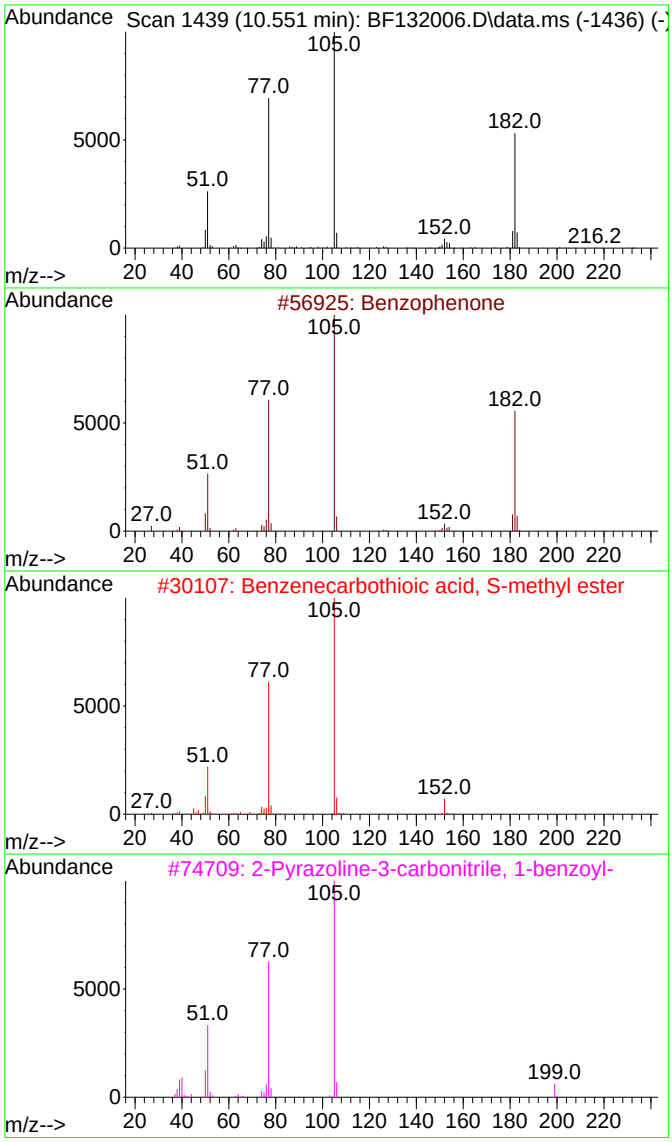
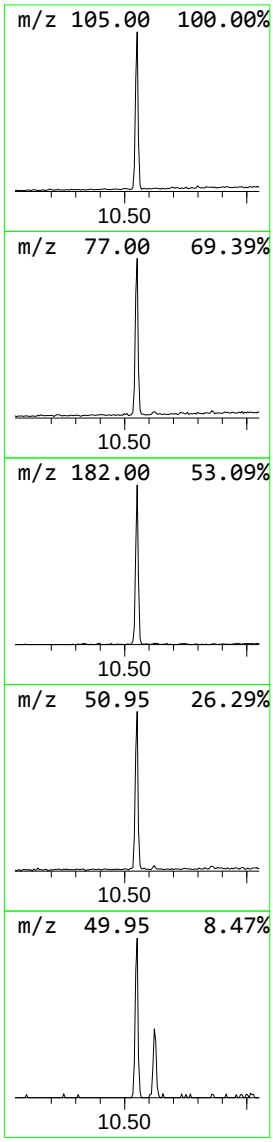
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	10.03 ng	245934	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47





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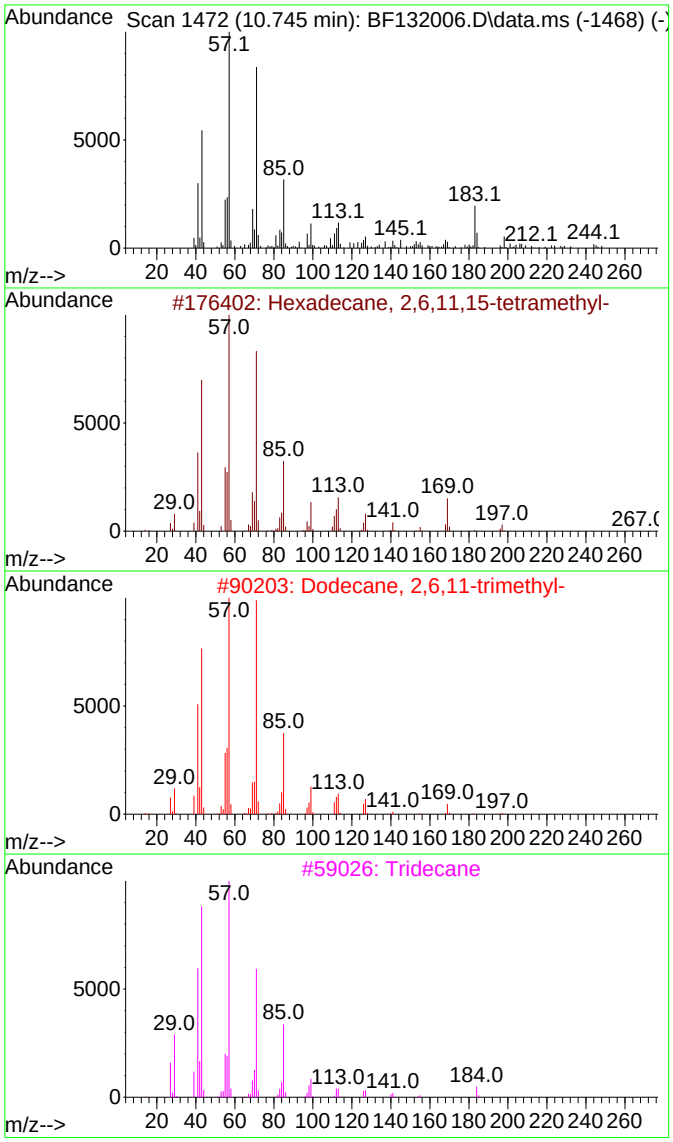
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

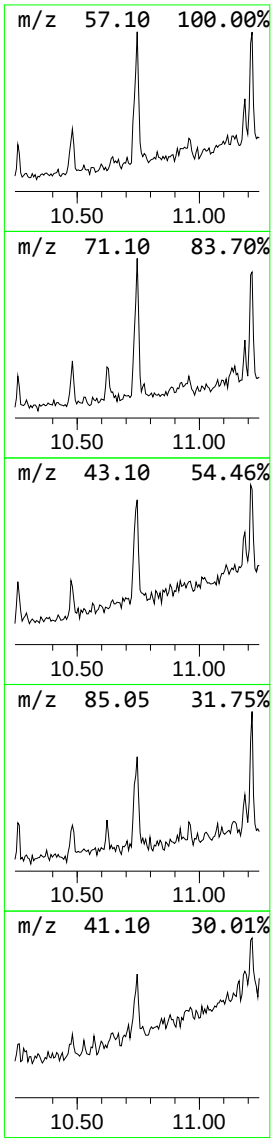
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	5.48 ng	128979	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
3	Tridecane	184	C13H28	000629-50-5	74
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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TIC Library : C:\Database\NIST20.L
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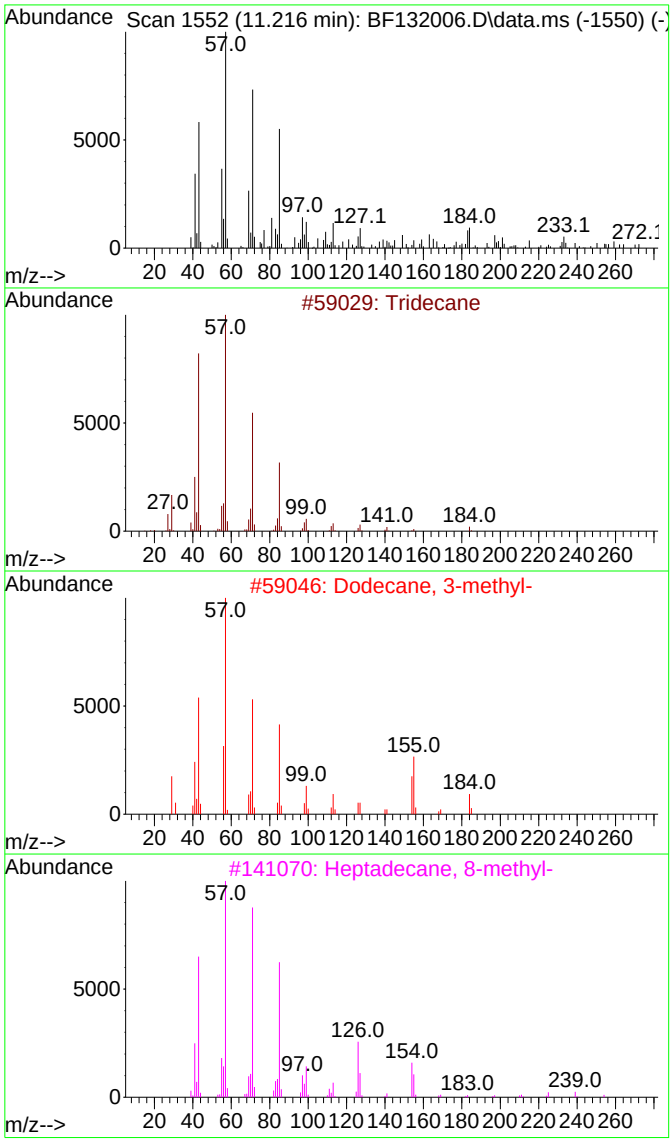
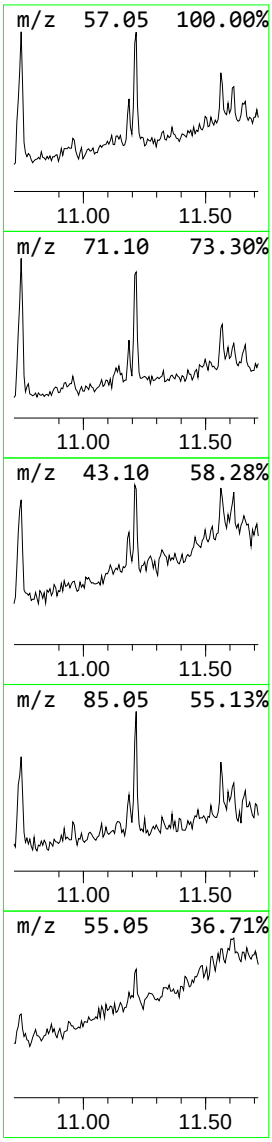
Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	2.95 ng	69349	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Docosane	310	C22H46	000629-97-0	80
5	Octadecane	254	C18H38	000593-45-3	76





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Trichloroethylene	2.357	2.5	ng	54977	1	6.781	431684	20.0
2-Pentanone, 4-...	4.987	28.3	ng	611754	1	6.781	431684	20.0
Benzophenone	10.551	10.0	ng	245934	3	9.833	490339	20.0
Hexadecane, 2,6...	10.745	5.5	ng	128979	4	11.322	470318	20.0
Tridecane	11.216	3.0	ng	69349	4	11.322	470318	20.0