LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131937.D
Acq On : 06 Jan 2023 12:43
Operator : CG\JU
Sample : N6243-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-2

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	35	48	54	rVB	69402	104564	5.18%	0.762%
2	4.999	489	495	505	rVB	533379	690147	34.17%	5.032%
3	5.410	561	565	568	rBV	1829108	1649651	81.68%	12.028%
4	6.434	734	739	742	rBV	1698126	1692031	83.77%	12.337%
5	6.793	797	800	804	rBV	471682	411332	20.37%	2.999%
6	7.369	893	898	901	rBV	1153119	1109704	54.94%	8.091%
7	8.087	1016	1020	1023	rBV	632720	517087	25.60%	3.770%
8	9.169	1199	1204	1207	rBV	2445457	2019757	100.00%	14.726%
9	9.845	1316	1319	1323	rVB	701005	585358	28.98%	4.268%
10	10.045	1349	1353	1359	rVB7	13854	26869	1.33%	0.196%
11	10.498	1423	1430	1432	rBV6	17924	35525	1.76%	0.259%
12	10.569	1438	1442	1445	rBV	431670	336038	16.64%	2.450%
13	10.645	1450	1455	1458	rBV	1447423	1212202	60.02%	8.838%
14	10.763	1471	1475	1478	rBV2	51235	64831	3.21%	0.473%
15	11.234	1552	1555	1561	rVB	53146	56991	2.82%	0.416%
16	11.345	1570	1574	1576	rBV	657504	561021	27.78%	4.091%
17	11.875	1662	1664	1670	rVB2	112589	111917	5.54%	0.816%
18	12.939	1841	1845	1848	rVB	1815913	1537413	76.12%	11.210%
19	13.839	1995	1998	2004	rVB2	151963	180759	8.95%	1.318%
20	13.998	2022	2025	2028	rVB	443474	399318	19.77%	2.912%
21	15.474	2272	2276	2283	rVB2	324212	412631	20.43%	3.009%

Sum of corrected areas: 13715146

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
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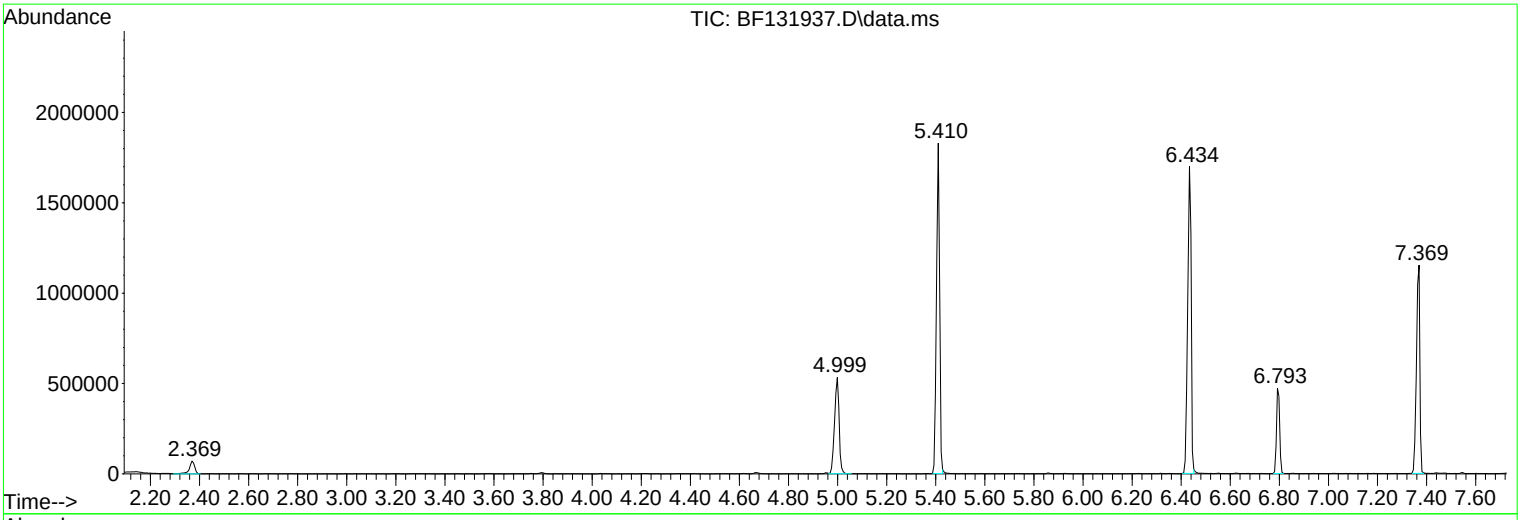
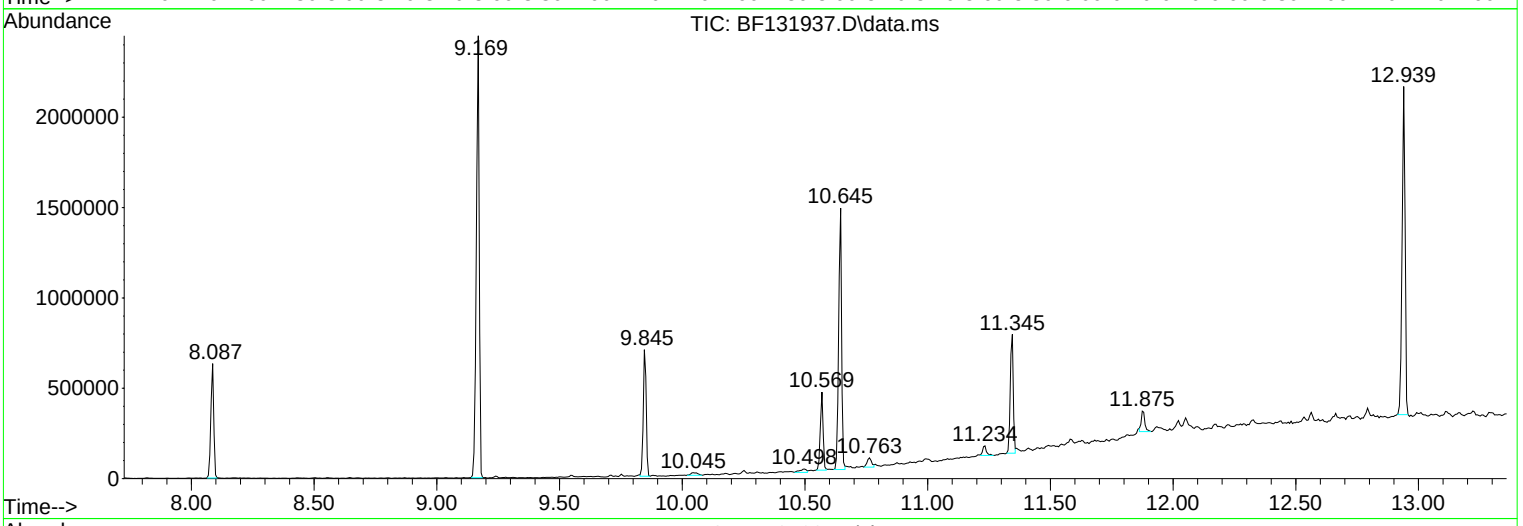
Misc :
ALS Vial : 4 Sample Multiplier: 1

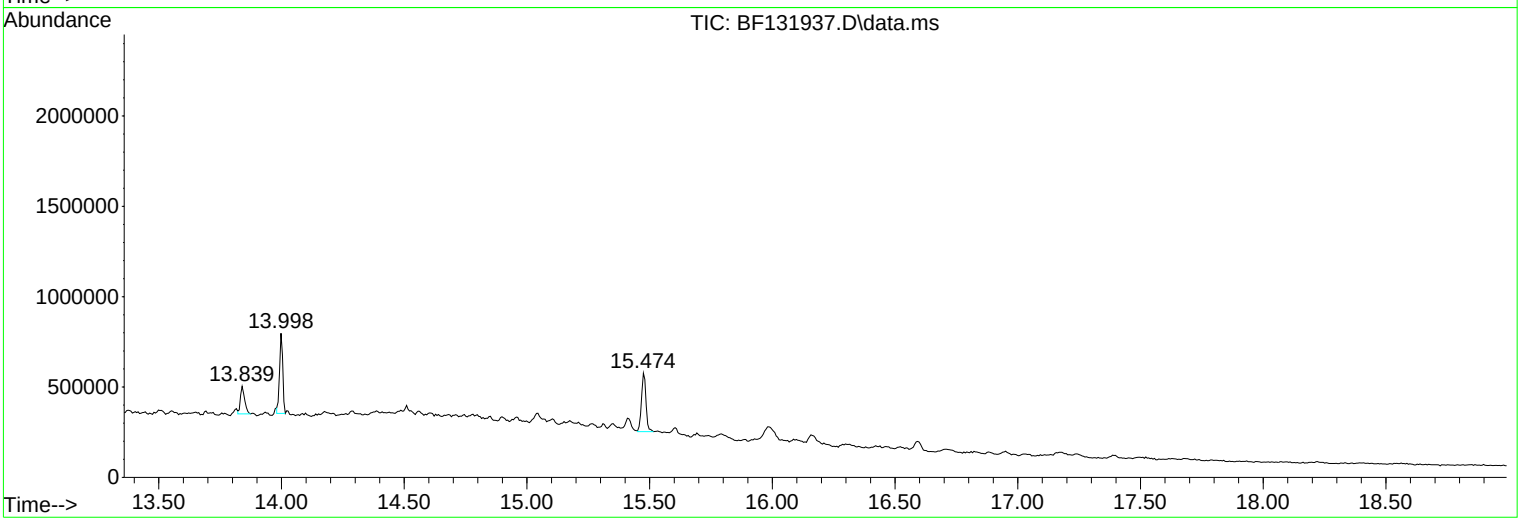
Instrument :
BNA_F
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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

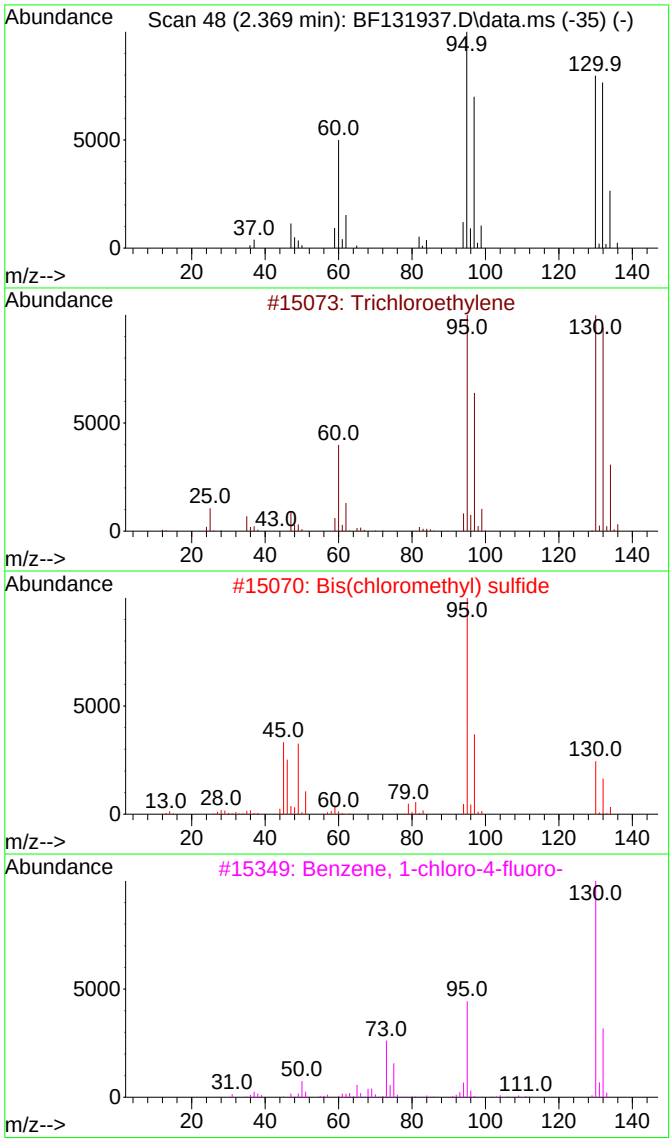
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

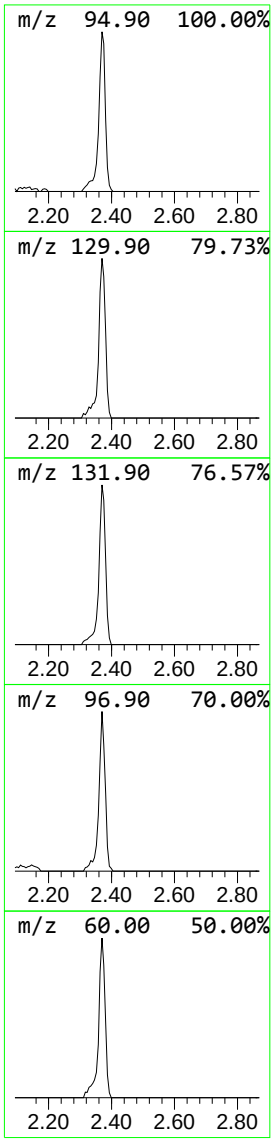
****

Peak Number 1 Trichloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	5.08 ng	104564	1,4-Dichlorobenzene-d4	6.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	97
2	Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	58
3	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	35
4	Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	25
5	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	25





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Acq On : 06 Jan 2023 12:43
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Instrument :
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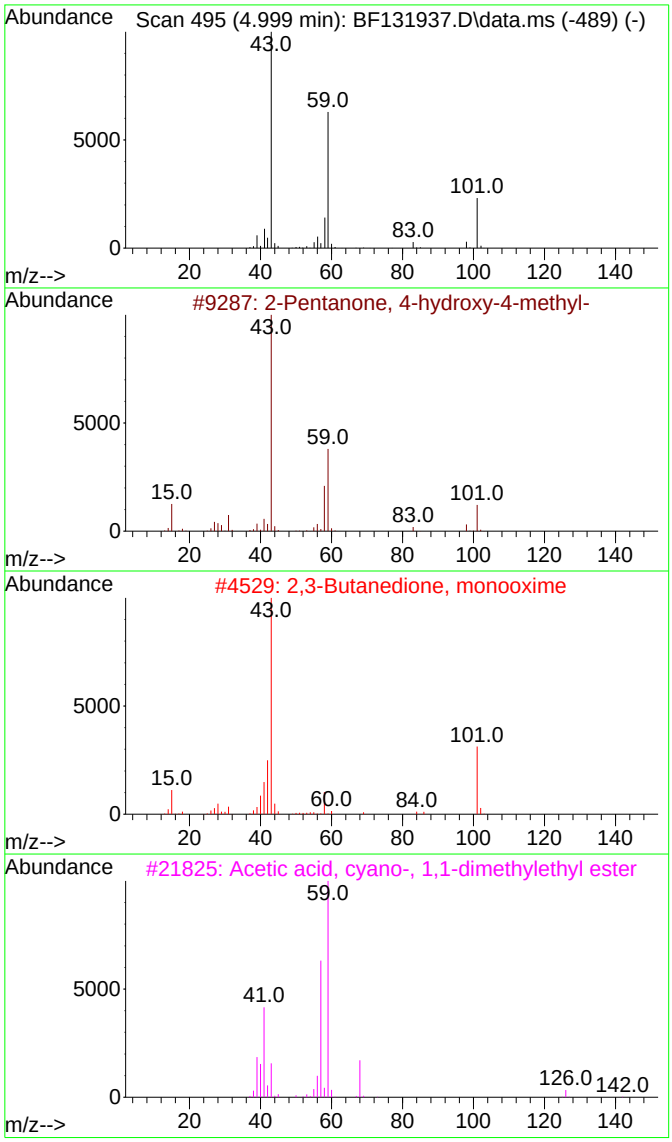
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

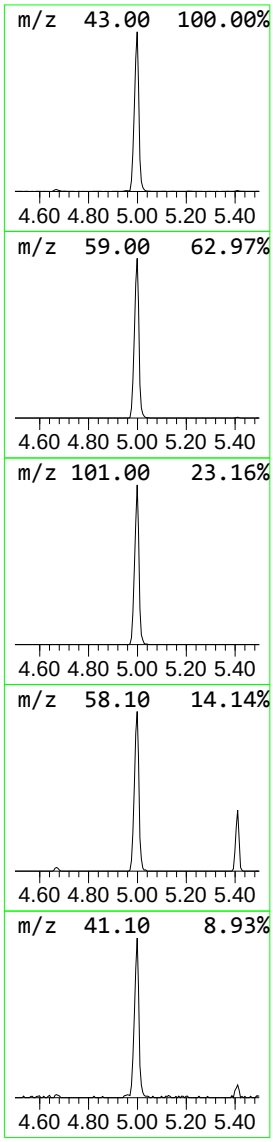
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.999	33.56 ng	690147	1,4-Dichlorobenzene-d4	6.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
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 : 06 Jan 2023 12:43
Operator : CG\JU
Sample : N6243-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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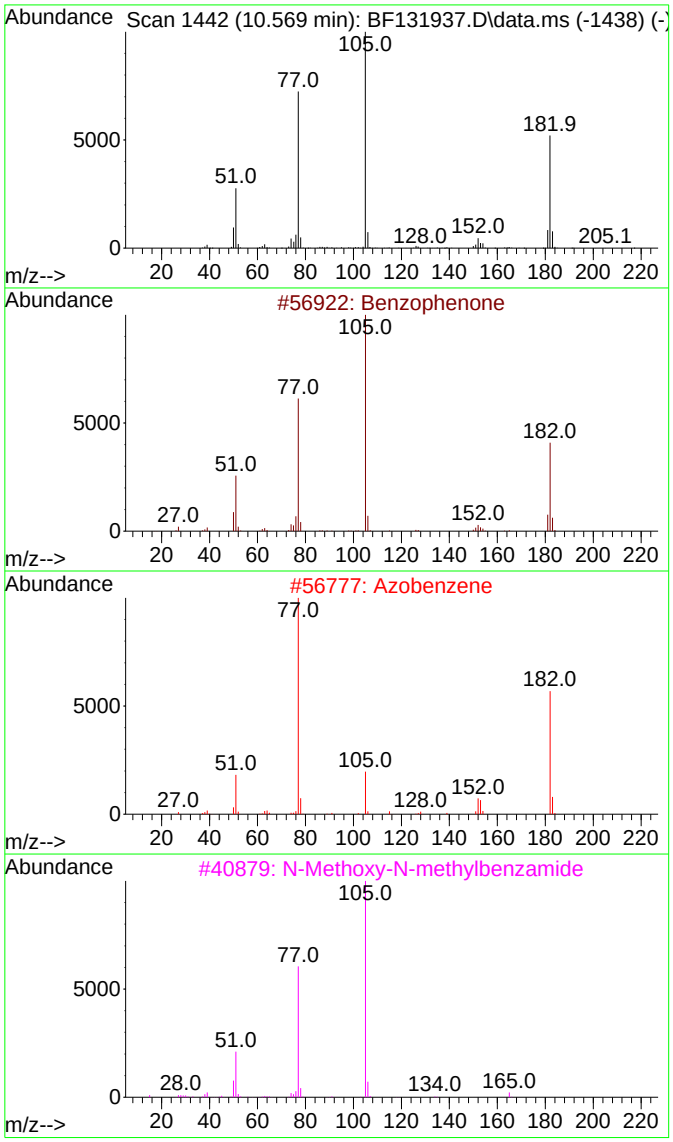
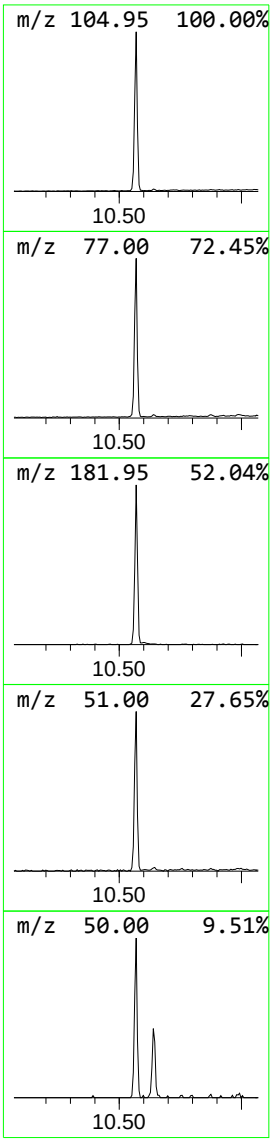
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	11.48 ng	336038	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	58
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	50





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Data File : BF131937.D
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Sample : N6243-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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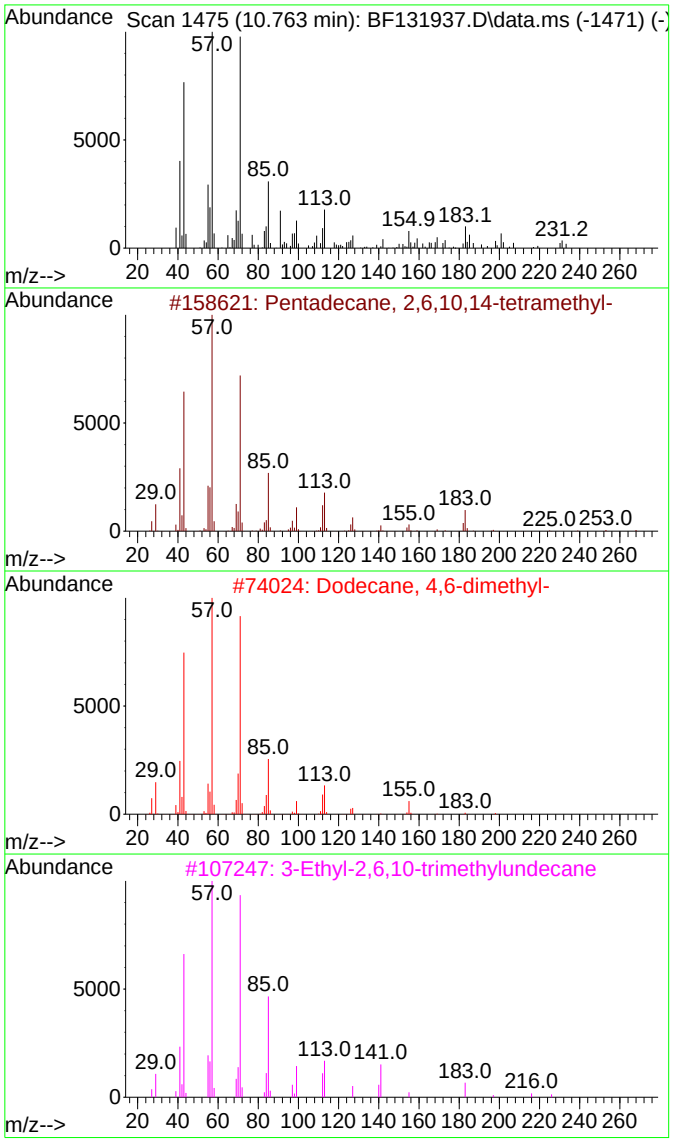
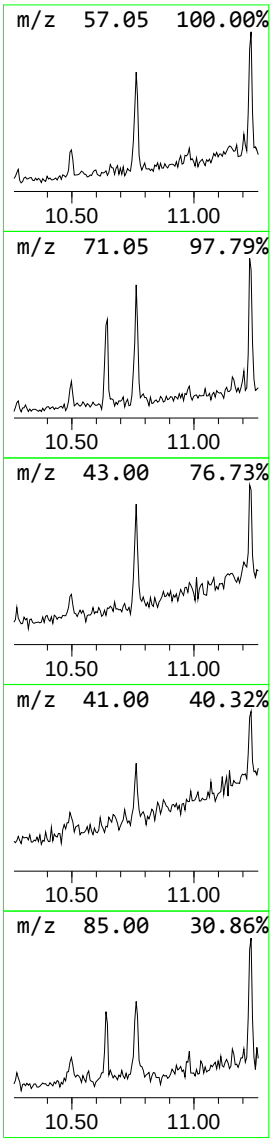
Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	2.31 ng	64831	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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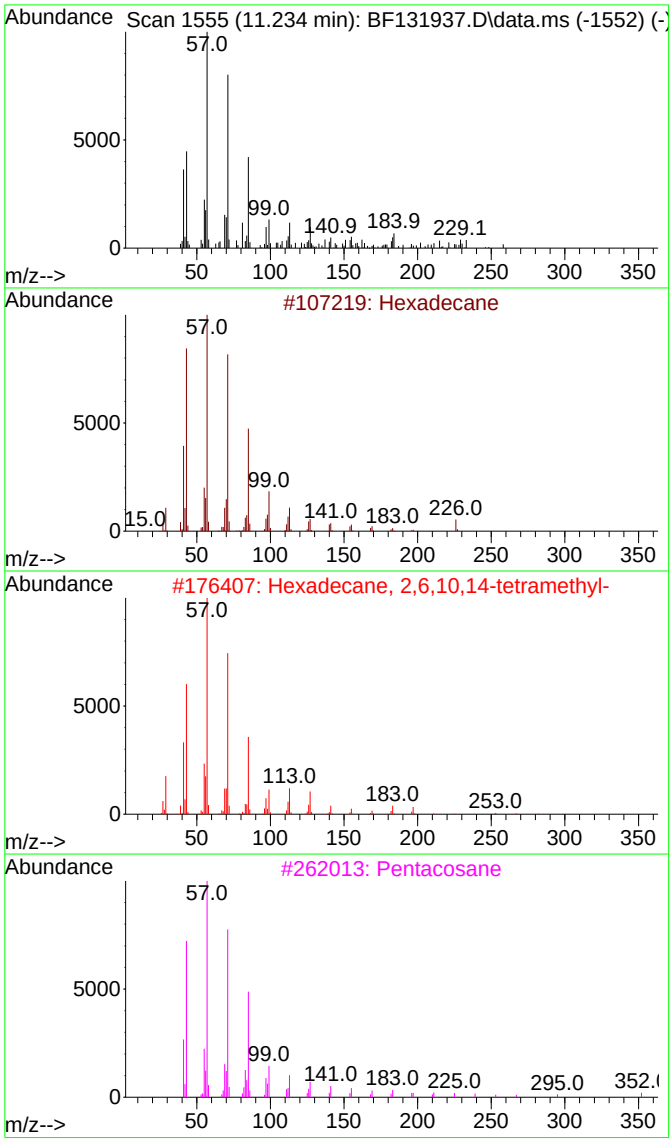
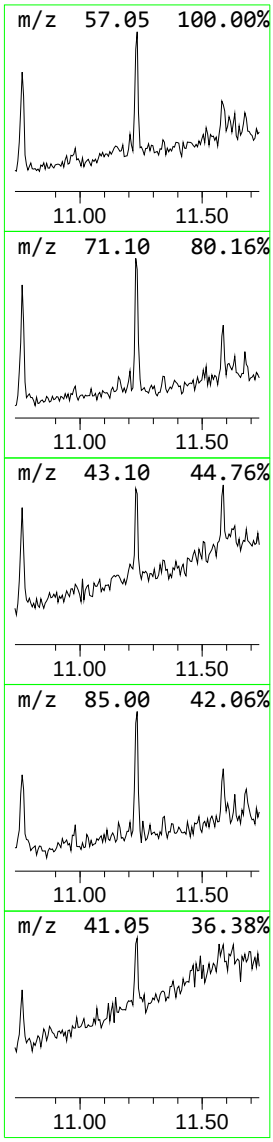
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.234	2.03 ng	56991	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Dodecane	170	C12H26	000112-40-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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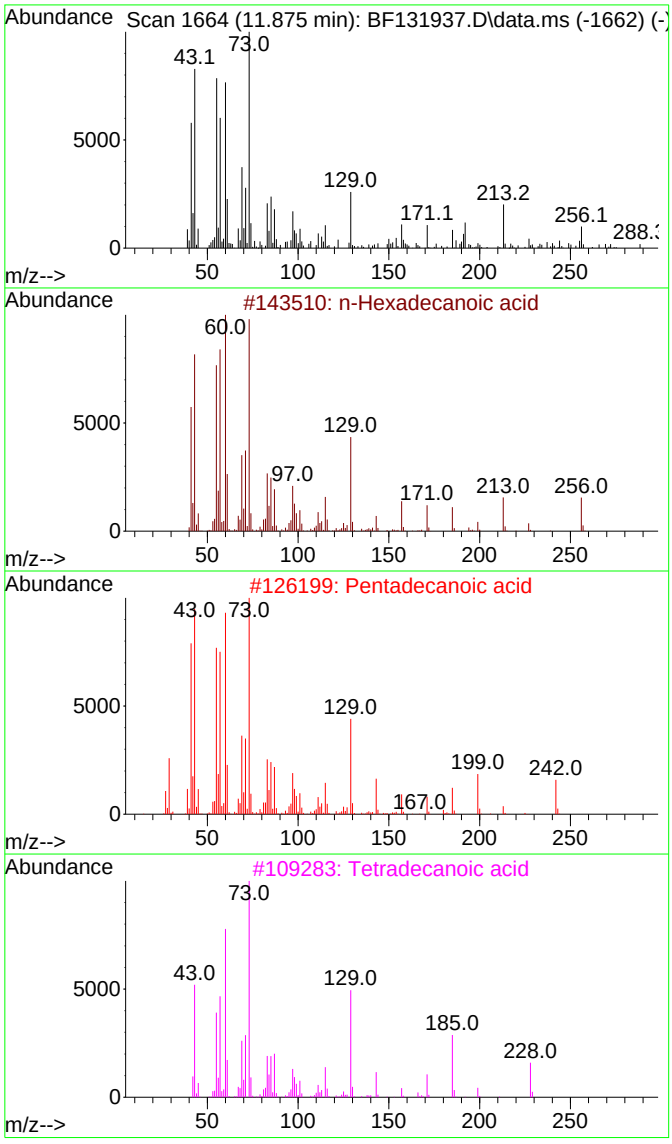
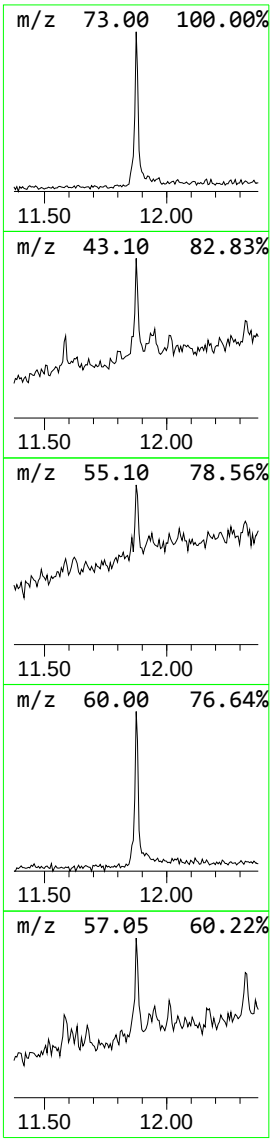
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	3.99 ng	111917	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

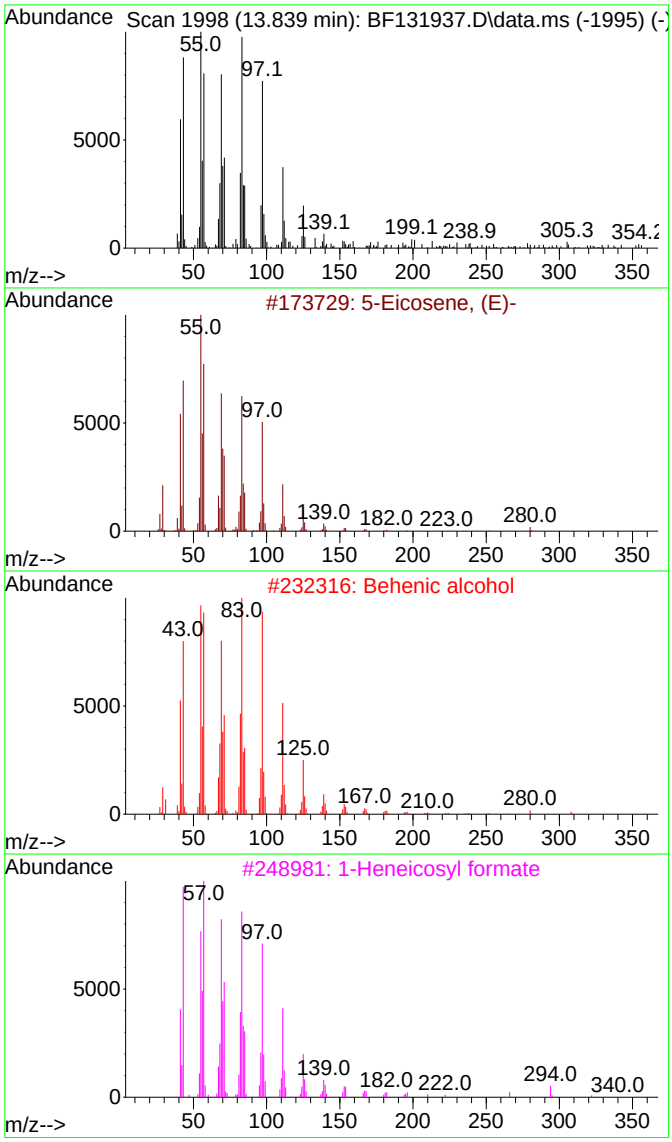
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

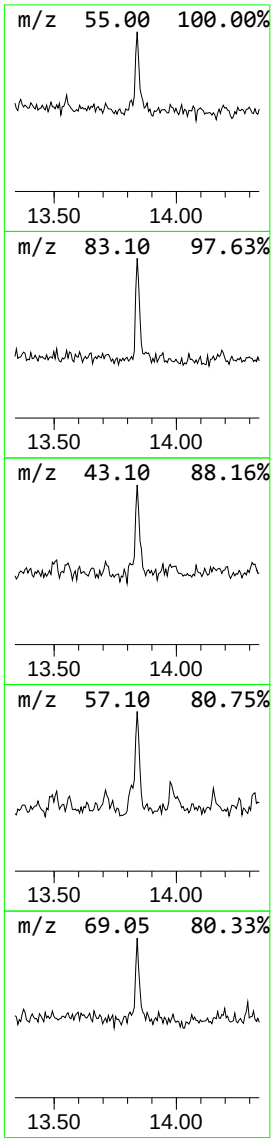
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	9.05 ng	180759	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Trichloroethylene	2.369	5.1	ng	104564	1	6.799	411332	20.0
2-Pentanone, 4-...	4.999	33.6	ng	690147	1	6.799	411332	20.0
Benzophenone	10.569	11.5	ng	336038	3	9.845	585358	20.0
Pentadecane, 2,...	10.763	2.3	ng	64831	4	11.345	561021	20.0
Hexadecane	11.234	2.0	ng	56991	4	11.345	561021	20.0
n-Hexadecanoic ...	11.875	4.0	ng	111917	4	11.345	561021	20.0
5-Eicosene, (E)-	13.839	9.1	ng	180759	5	13.998	399318	20.0