LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134825.D
Acq On : 17 Aug 2023 19:29
Operator : CG\JU
Sample : 04045-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB21200

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134825.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	497	500	509	rVB	36913	46481	1.55%	0.199%
2	5.422	563	567	571	rBV	2588546	2591208	86.13%	11.080%
3	6.428	733	738	741	rBV	2720908	2613032	86.86%	11.173%
4	6.792	796	800	803	rBV	1069450	824731	27.41%	3.526%
5	7.351	890	895	898	rBV	1781698	1723803	57.30%	7.371%
6	8.069	1013	1017	1021	rBV	1310504	1096288	36.44%	4.688%
7	9.151	1196	1201	1204	rBV	3173086	3008324	100.00%	12.863%
8	9.263	1216	1220	1224	rVB2	43182	40204	1.34%	0.172%
9	9.827	1312	1316	1319	rBV	1385276	1155741	38.42%	4.942%
10	10.027	1347	1350	1356	rBV	26631	30169	1.00%	0.129%
11	10.616	1446	1450	1453	rBV	2065881	1753619	58.29%	7.498%
12	11.116	1532	1535	1541	rBV	59860	56877	1.89%	0.243%
13	11.316	1565	1569	1571	rBV	1314704	1060430	35.25%	4.534%
14	11.339	1571	1573	1577	rVV	173064	145884	4.85%	0.624%
15	11.386	1578	1581	1585	rVB	46535	47218	1.57%	0.202%
16	11.851	1656	1660	1664	rBV	281588	261709	8.70%	1.119%
17	11.927	1670	1673	1676	rBV	35066	38133	1.27%	0.163%
18	12.533	1772	1776	1779	rBV	293721	256730	8.53%	1.098%
19	12.627	1789	1792	1800	rBV4	82921	142993	4.75%	0.611%
20	12.727	1806	1809	1810	rBV	85996	72964	2.43%	0.312%
21	12.757	1810	1814	1818	rVB	211319	272333	9.05%	1.164%
22	12.910	1836	1840	1843	rBV	2610973	2173827	72.26%	9.295%
23	13.192	1885	1888	1891	rBV	32870	31306	1.04%	0.134%
24	13.486	1932	1938	1945	rBV9	23852	50842	1.69%	0.217%
25	13.598	1954	1957	1962	rVB	33184	37604	1.25%	0.161%
26	13.710	1971	1976	1979	rBV2	35474	52267	1.74%	0.223%
27	13.821	1990	1995	2003	rBV3	137814	189179	6.29%	0.809%
28	13.962	2011	2019	2022	rBV	921743	1039746	34.56%	4.446%
29	13.986	2022	2023	2030	rVB	150688	143155	4.76%	0.612%
30	14.351	2077	2085	2089	rBV3	38670	85920	2.86%	0.367%
31	14.392	2089	2092	2095	rBV2	31945	33819	1.12%	0.145%
32	14.451	2099	2102	2105	rBV3	31983	51255	1.70%	0.219%
33	14.551	2113	2119	2125	rVB5	32953	71452	2.38%	0.306%
34	14.604	2125	2128	2133	rBV	43975	65662	2.18%	0.281%
35	14.833	2163	2167	2173	rBV2	51164	77062	2.56%	0.330%
36	14.904	2176	2179	2183	rVB2	44791	50774	1.69%	0.217%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.004	2191	2196	2199	rBV	195508	279933	9.31%	1.197%
38	15.109	2210	2214	2216	rBV2	35721	50679	1.68%	0.217%
39	15.304	2244	2247	2254	rVB	112027	141230	4.69%	0.604%
40	15.368	2254	2258	2264	rBV	108998	145690	4.84%	0.623%
41	15.433	2264	2269	2273	rBV	814633	992967	33.01%	4.246%
42	15.939	2351	2355	2359	rBV	31186	49129	1.63%	0.210%
43	16.486	2445	2448	2455	rVB4	63263	105565	3.51%	0.451%
44	16.915	2516	2521	2530	rVB3	59903	140505	4.67%	0.601%
45	17.362	2592	2597	2604	rBV	45927	88474	2.94%	0.378%

Sum of corrected areas: 23386913

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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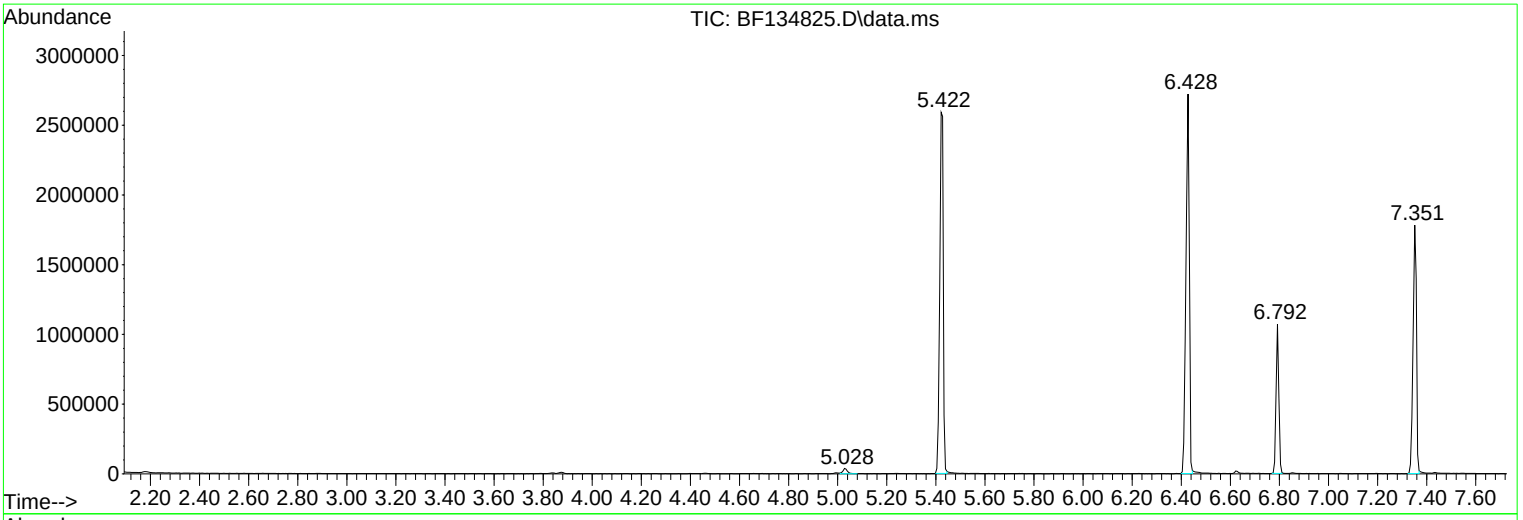
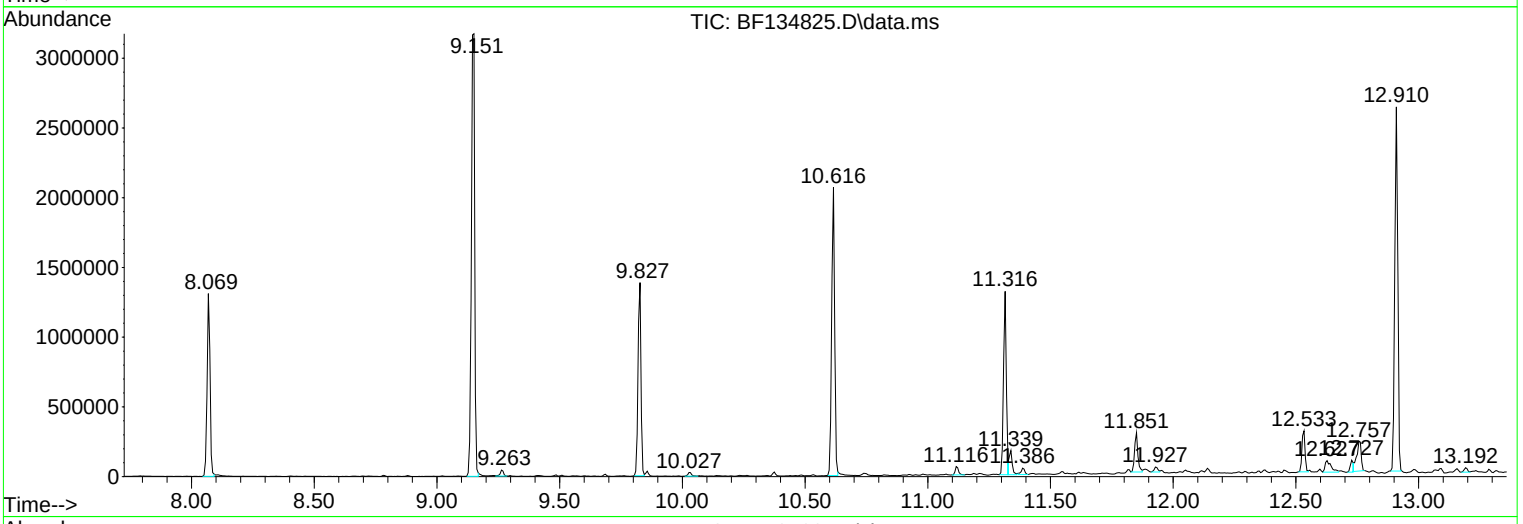
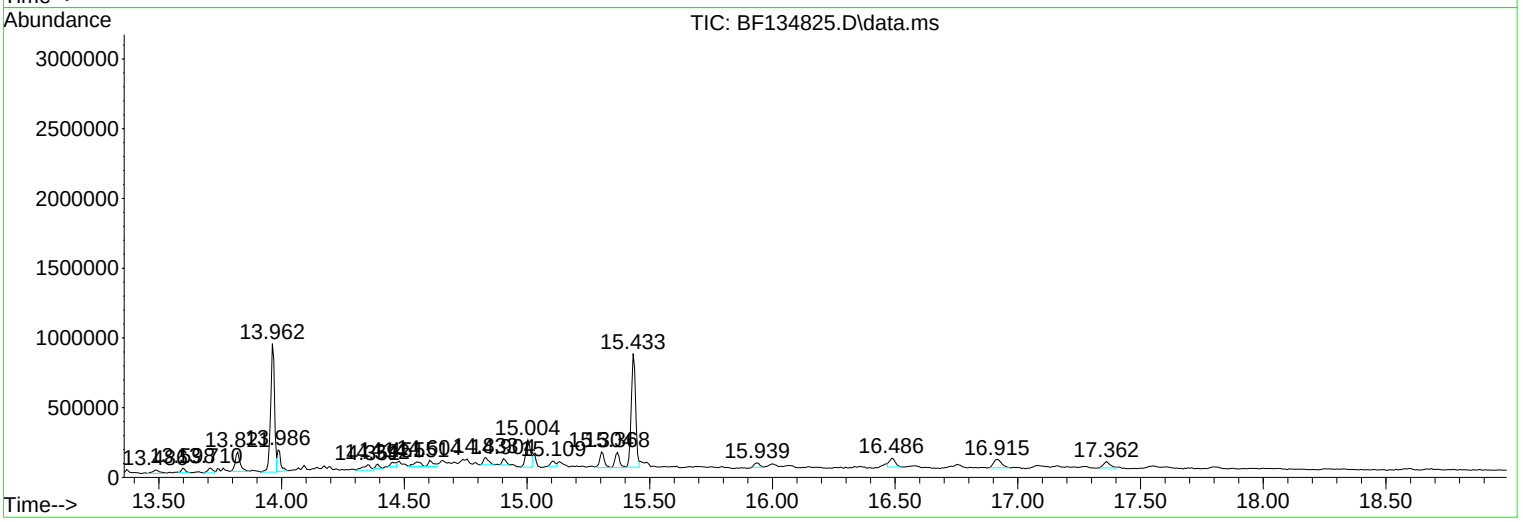
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BF134825.D
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Operator : CG\JU
Sample : 04045-02
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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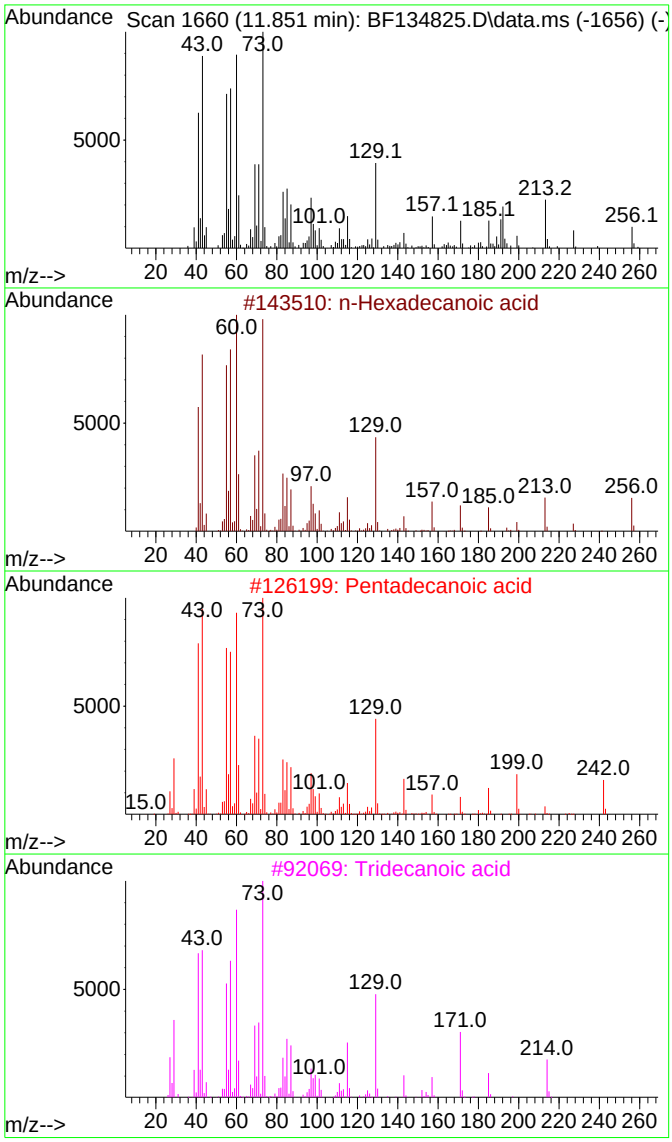
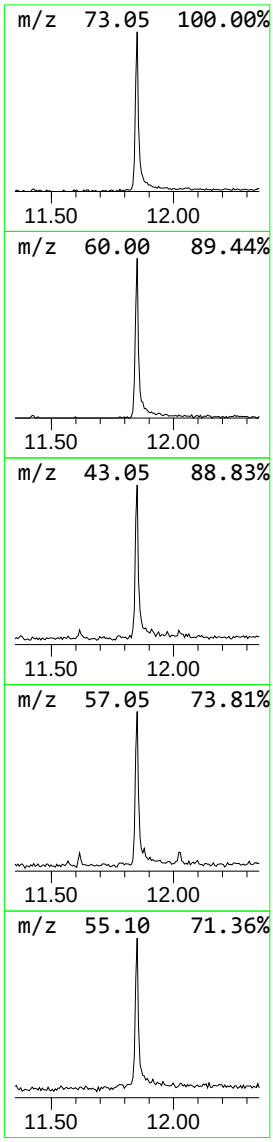
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	4.94 ng	261709	Phenanthrene-d10	11.316

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Operator : CG\JU
Sample : 04045-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB21200

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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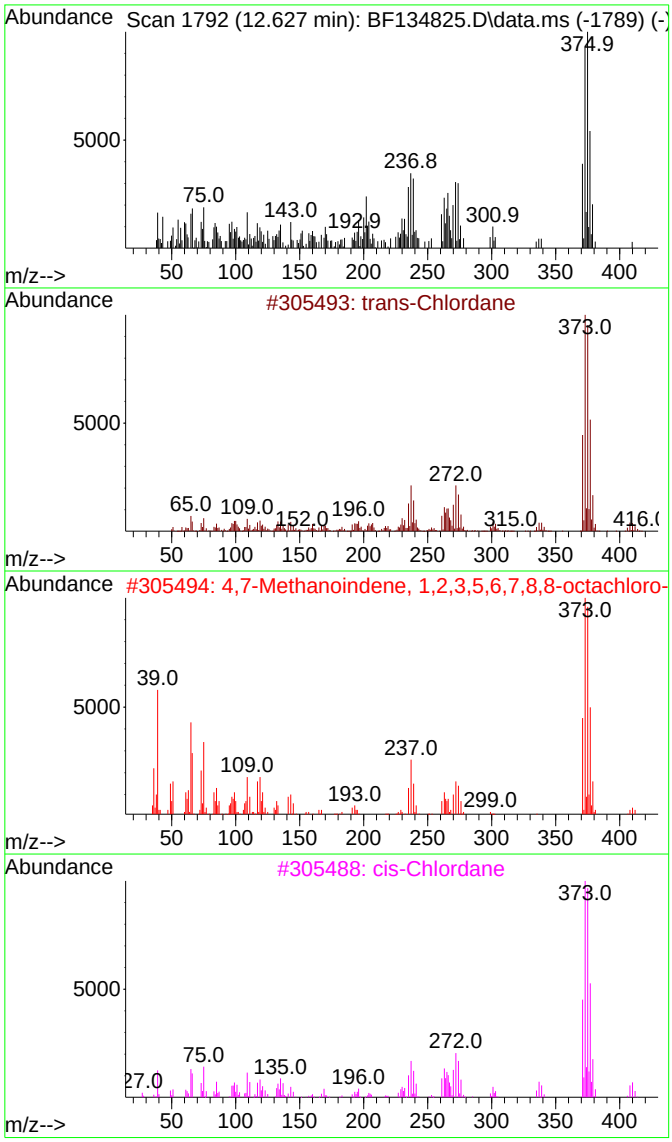
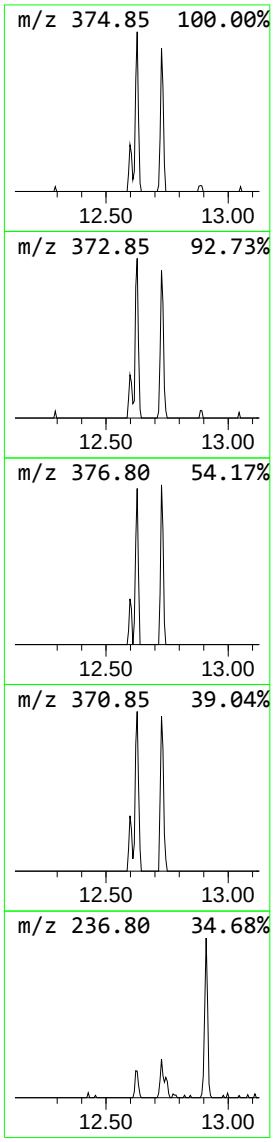
Peak Number 2 trans-Chlordane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	2.70 ng	142993	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	96
3	cis-Chlordane	406	C10H6Cl8	005103-71-9	90
4	Chlordane	406	C10H6Cl8	000057-74-9	87
5	1-Piperidinecarbodithioic acid, ...	408	C12H10Cl3F3N2S2	1000305-31-5	27





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Operator : CG\JU
Sample : 04045-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB21200

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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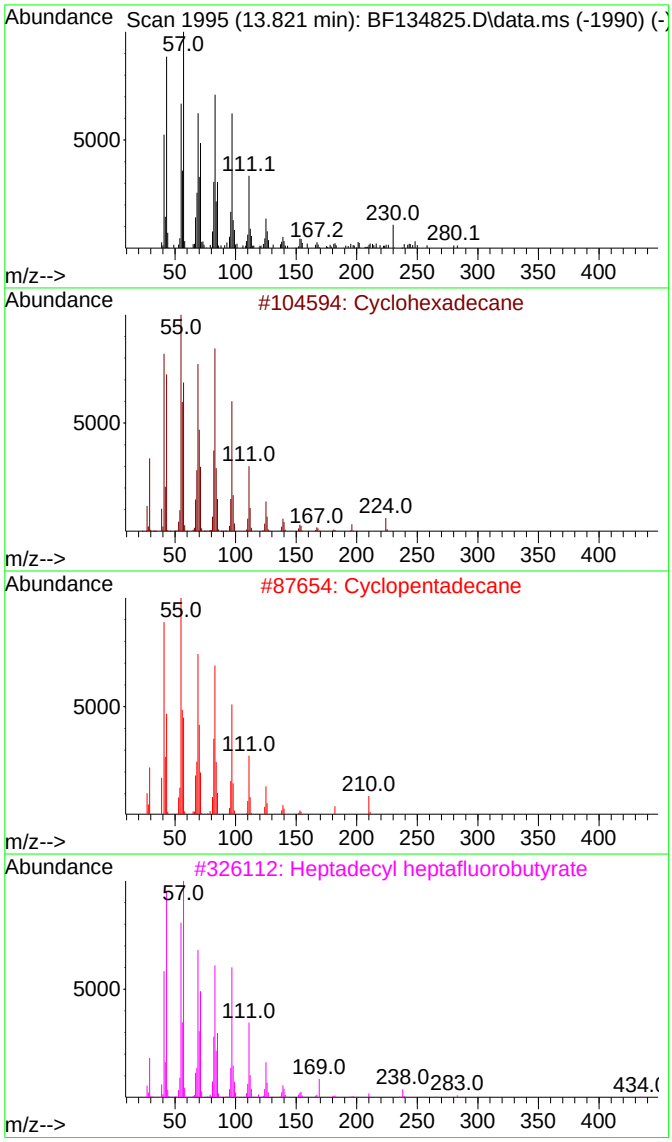
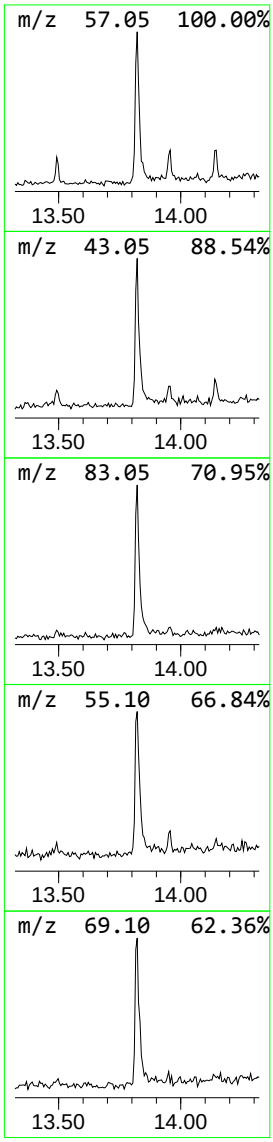
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	3.64 ng	189179	Chrysene-d12	13.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cyclopentadecane	210	C15H30	000295-48-7	97
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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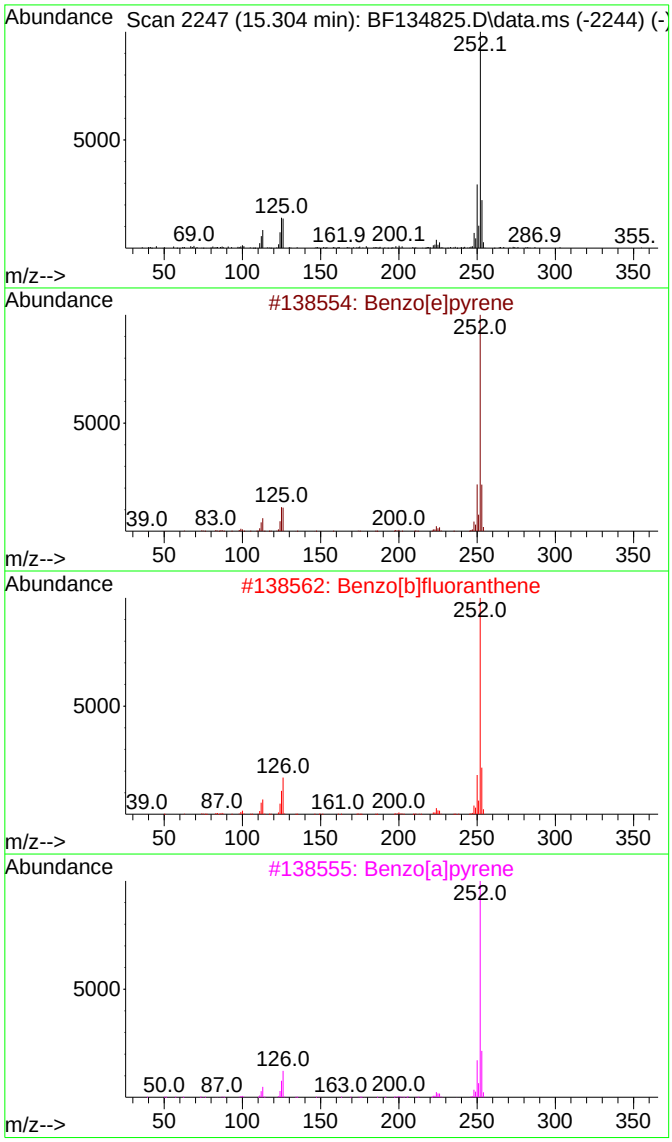
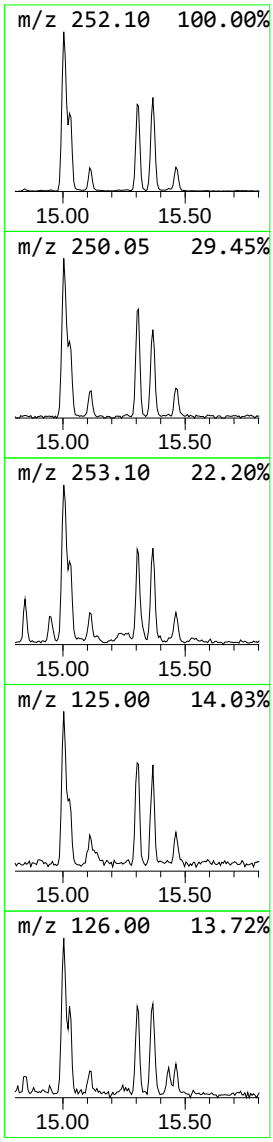
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	2.84 ng	141230	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	95





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ALS Vial : 10 Sample Multiplier: 1

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

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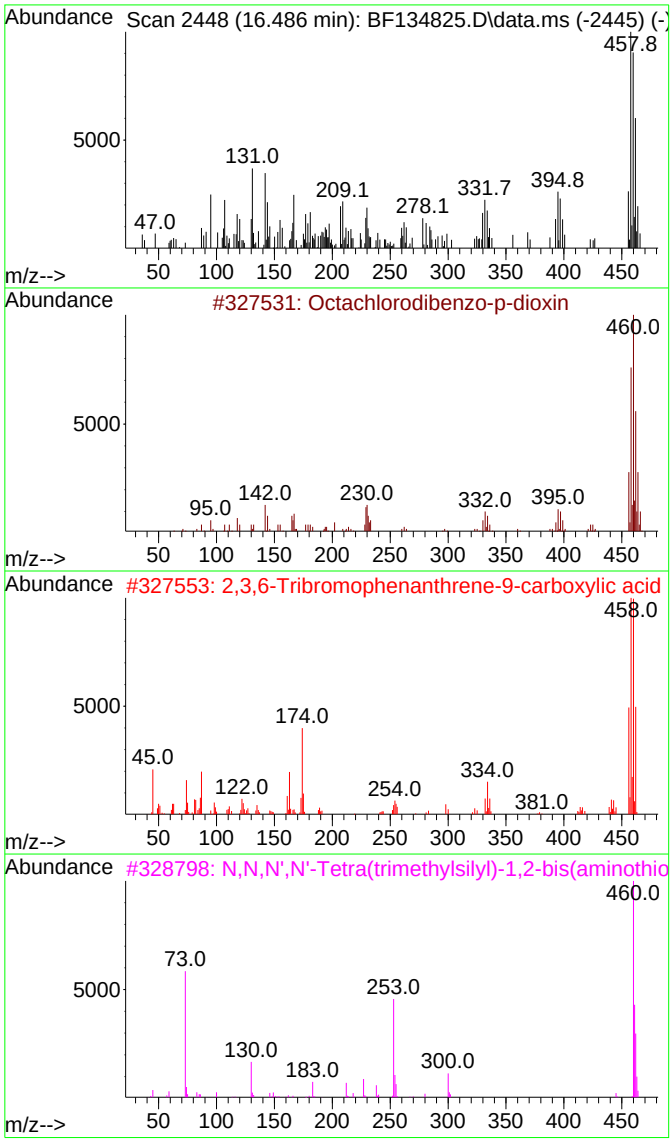
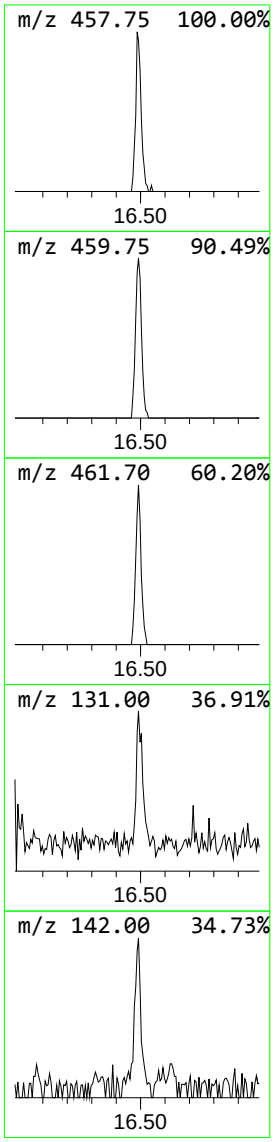
Peak Number 5 Octachlorodibenzo-p-dioxin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	2.13 ng	105565	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	95
2	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	33
3	N,N,N',N'-Tetra(trimethylsilyl)-...	460	C18H40N2S2Si4	135577-97-8	10
4	3-Chloro-.alpha.-[2-pyridyl]-2,4...	458	C29H31ClN2O	035158-92-0	10
5	1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	9





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.851	4.9	ng	261709	4	11.316	1060430	20.0
trans-Chlordane	12.627	2.7	ng	142993	4	11.316	1060430	20.0
Cyclohexadecane	13.821	3.6	ng	189179	5	13.962	1039750	20.0
Benzo[e]pyrene	15.304	2.8	ng	141230	6	15.433	992967	20.0
Octachlorodiben...	16.486	2.1	ng	105565	6	15.433	992967	20.0